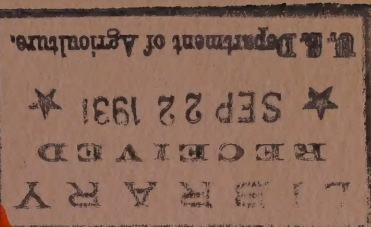


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Africa
1931-1932

C. Stark & Co.
Mowbray
Cape Town
S. Africa

1931



**A GENERAL CATALOGUE
OF
FARM VEGETABLE
FLOWER AND TREE
SEEDS
IMPLEMENTS FOR FARM & GARDEN**

**ANIMAL MEDICINES, FERTILIZERS
INSECTICIDES, STOCK FOODS, POULTRY
FOODS AND RURAL BOOKS**

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A DESCRIPTIVE CATALOGUE
OF
FARM SEEDS
VEGETABLE SEEDS
FLOWER SEEDS and
TREE SEEDS
and
Farm & Garden Implements
with Comprehensive Lists of
Animal Medicines
Fertilisers and Insecticides
and including
A Catalogue of the latest
Books
for the
Farmer and the Gardener

Issued jointly by

THE ASSOCIATED FIRMS:

C. Starke & Co. Ltd.

*Agricultural and Horticultural
Seedsman and Nurserymen*

Mowbray, Cape Town

Tel. Rondebosch 1

Telgms. 'Seedstarke, Mowbray.'

AND

Charles Ayres

The Cape Florist, Nurseryman and Seedsman

The Nurseries, Liesbeek Rd., Rosebank
(*Tel. Rondebosch 100*)

Seed Store:

118 St. George's St., Cape Town

Telephone 778 Central.

Telegrams: 'Ayres.'

Descriptive Catalogue OF SEEDS FOR THE Farm and Garden

1931

It will always be our endeavour to supply the very best Seeds, true to the description given in this catalogue, but it is a condition of sale of all Seeds sent out by us, that, though we give you our assurance that we are using all reasonable care in the selection, we accept no responsibility in regard to the crop or failure of crop. All orders are booked on the understanding that these conditions are agreed to and we also notify to the same effect on the invoice. If the conditions are not acceptable to you the goods should be returned at once.

Quotations are without engagement, but where the price is mentioned on the order we will refer back for confirmation if an increased rate has to be charged. If we fail to do this, the goods can be returned if the price is not approved.

When we are unable to supply the exact variety ordered, we use our best judgment as to substituting other varieties. Any such substitutions are always made with a due regard to season, locality and other conditions so far as known to us.

The substituted varieties are sent for your approval, and while we hope and feel sure that you will agree to what we have done with a desire to serve your best interests, you are at liberty to send back any such goods and we will promptly credit you with their value.

"KUDU" BRAND.

This Trade Mark is registered throughout South Africa by C. STARKE and CO, LTD., who are the sole proprietors of the mark and no other firm or company has any right to make use of it.



It is a symbol of quality and honest endeavour. In connection with seeds it implies that everything possible has been done to safeguard the buyer. The utmost care is always used in discriminating as to "purity, vitality and quality."

Various methods are used to secure these results. Crops are arranged for and are grown from seed of our selection. Arrangements are made for the roguing of the crops and selection of specimens. Germination tests are made on arrival of the seed and at intervals afterwards.

The same precautions are taken with imported seeds in regard to germination and of course they are only bought from the world's most reliable Growers and Seedsmen.

In addition, we use the finest seed-cleaning machinery and use it freely. The nett result is something better than you get in the ordinary way.

**FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT
WITH ORDER.**

CEREALS

We give below a list with descriptions of the principal varieties customarily sown in the Western Province grain districts and prices are quoted for the varieties which are available at the time of printing. We invite inquiries for other varieties also because it is possible that we may have them later.

Recleaned Seed Wheat

Where prices are not quoted the variety was not available at the time of printing the catalogue, but we may be able to supply later and shall be pleased to quote on application if able to do so.

		25 lbs	100 lbs	200 lbs
Bobret	... <i>Bearded</i> ...	4/6	16/-	30/-
A Bobs-Rieti cross, considerably earlier than "Rieti," grain resembles "Gluyas" but darker, strong grower, tillers well.				
Burbank	... <i>Beardless</i> ...	4/6	16/-	30/-
Similar to "Florence" and nearly as early.				
Florence	... <i>Beardless</i> ...	4/6	16/-	30/-
One of the earliest and has proved highly rust resistant. good white milling wheat.				
Gluretty	... <i>Bearded</i> ...	4/6	16/-	30/-
Finest of all the Gluyas-Rieti crosses and the best for our local conditions.				
Gluyas Early	... <i>Beardless</i> ...	4/6	16/-	30/-
A good yielder, most largely grown of all in Western Province, does not shell easily, highly rust-resistant.				
Kleintrou	... <i>Tip-bearded</i> ..	4/6	16/-	30/-
Grain small white plump and soft, straw thin erect and medium height, tillers very well, medium-late, good yielder.				
Union 52	... <i>Tip-bearded</i> ...	4/6	16/-	30/-
Strong grower, grain white and very uniform, earliest of all "Union" selections, recommended for coastal area especially for light rainfall.				

Recleaned Seed Oats

		25 lbs	100 lbs	150 lbs
Algerian	... Local Seed ...	3/3	11/-	14/6
	Imported Seed	4/6	16/-	22/6
Universally grown in Western Province and the standard variety for "Cape Oathay," also unsurpassed for grazing purposes or for a grain crop.				
Fulghum	... ..	3/6	12/-	16/-
A very early and prolific variety.				
Sunrise	... ..	3/6	12/-	16/-
A good white oat which is proving very successful in the Western Province, apparently rust-resistant, very early.				
Texas	... ..	3/3	11/-	15/-
Splendid for a grain crop or for hay; by some it is preferred to "Algerian" and is certainly equal to that variety in every way.				

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

Recleaned Seed Barley

		25 lbs	100 lbs	150 lbs
Beardless Spring or Kaal Gars ...	5/-	16/6	22/6	
Splendid for green forage, being a very rapid grower; for grain it should be cut before fully ripe to prevent shedding.				
Cape Early ...	3/6	12/-	16/-	
Like "Cape Six-Rowed" but a more rapid grower, consequently very largely used for early green-forage crops.				
Cape Six-Rowed ...	3/6	12/-	16/-	
Probably the greatest yielder in existence and very largely used by the Breweries for malting purposes.				
		25 lbs	100 lbs	200 lbs
Nepal or Barley-Wheat ... <i>Beardless</i> ...	3/3	11/-	20/-	
A skinless barley for the earliest "green" crops, the absence of awns is an advantage for green forage.				

Recleaned Seed Rye

		25 lbs	100 lbs	200 lbs
Cape Early ...	3/-	10/6	18/6	
A rapid grower and heavy yielder, universally used in the coastal grain districts.				

THE "KUDU" PROCESS OF FORMALDEHYDE TREATMENT FOR SMUT IN GRAIN.

The **Kudu-Formal** treatment for smut is simple and effective. It is now almost universally used by the most successful grain farmers of the Western Province who find it easier to work and more reliable than the old liming process.

The spores of smut are found everywhere, every season, and it is imperative that all seed should be treated before sowing. To omit this precaution is to jeopardise your crop and fortunately the trouble and expense involved are so slight that none need omit it.

The seed may be treated on a clean floor or tarpaulin by spraying the solution over and working the seed over continually to make sure that every part of the seed is thoroughly wetted. Then work the grain up into a heap and allow to remain over-night, or for at least 5 hours, covered with sacks to keep in the gas that is generated. Afterwards, remove the covering and spread the seed sufficiently to allow it to dry off for sowing.

Another method is by dipping and that also is described in the directions sent with every package of **Kudu-Formal**.

Reduced Price: **Kudu Formal**.—Per 1 lb. bot. 2/6, packed for post 3/- (postage 2/-). Per 1 gal. tin 12/6; $\frac{1}{2}$ gal. 7/3; 1 gal. jar 18/6; $\frac{1}{2}$ gal. jar 10/6.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

Selected Seed Maize

		25 lbs	100 lbs	200 lbs
Bread Mealies ... <i>White Dent</i> ...		5/6	18/6	35/-
A soft white variety giving a high percentage of sifted meal and very fine for green mealies for table.				
Chester County ... <i>Yellow Dent</i> ...		5/6	18/6	35/-
A quick-maturing variety well suited to a short season, large cobs closely packed.				
Early Wisconsin ... <i>White Dent</i> ...		5/6	18/6	35/-
Very much like "Silver King" but not quite so early.				
Flat White (Hickory King Type) ...		3/6	11/6	21/-
For a green-forage crop this is unsurpassed.				
Hickory King ... <i>White Dent</i> ...		5/6	18/6	35/-
Large flat grain, heavy cropper, late.				
Orangia Yellow ... <i>Yellow Flint</i> ...		3/-	10/-	17/6
Probably most largely grown of all varieties, medium-early, a sure cropper, splendid grain.				
Potchefstroom Pearl ... <i>White Dent</i> ...		5/6	18/6	35/-
Medium-early, broad flat grain which yields a high percentage of sifted meal, reliable variety.				
Sahara ... <i>Yellow Dent</i> ...		5/6	18/6	35/-
Makes a fine sample of grain and is a heavy yielding variety.				
White Congo ... <i>White Flint</i> ...		5/6	18/6	35/-
A popular white round variety much resembling Orangia Yellow except in colour of seed, suited to similar climatic conditions.				

Sorghums

On land that will grow Maize you may also sow any of the Sorghums with equal success and one of the most useful of these is Sudan Grass. This is not nearly so coarse or tall in growth as the other Sorghums and is well named as it is more like a grass than any of them. It makes splendid hay and may also be grown for grazing but of course it is an annual, lasting only the one season.

Sorghums.

		1 lb	25 lbs	100 lbs
Curnow Tall Corn ...		6d	4/6	16/-
The finest variety of White Kaffir Corn, unsurpassed for a grain crop.				
Per bag of 200 lbs 30/-.				
Early Amber Cane ...		6d	8/6	30/-
A saccharine variety and a great favourite for fodder and silage.				
Improved Evergreen ...	Imported Seed	1/3	25/-	90/-
Broom Corn ...	Local Seed	9d	15/-	50/-
The brush is firm and of good length and retains its light green colouring.				
Sudan Grass ...		6d	10/-	37/6
Has thinner stems and narrower foliage than other Sorghums, cures well for hay, a grand variety, now very extensively grown.				

Quantity to Sow.—When sown broadcast Sorghums are usually seeded at the rate of from 20 to 30 lbs. per acre but in drills about half that quantity should be sufficient.

BETTER SEED IS WORTH MORE BECAUSE YOU SOW LESS AND GET A BIGGER YIELD.

Millets

For Green Forage Crops in the Western Province there is nothing better than a good Millet. "Japan Barnyard" is undoubtedly the best on reasonably good soil, but "Proso" and "Pearl" Millet are also excellent varieties and will stand more hardships than the first named. "Pearl" Millet in particular is capable of growing on hot, sandy soil which would not support any other similar crop. All the Millets are summer growers and may be sown from September onwards. Don't sow the Pearl Millet too early because it is intolerant of cold conditions.

Millets.			1 lb	25 lbs	100 lbs
Boer Manna	... <i>Setaria italica</i>	...	8d	12/6	40/-
A splendid variety for hay, largely grown in the Transvaal, may also be used for forage and silage crops.					
Japan Barnyard	... <i>Panicum crus galli</i>	...	6d	7/-	25/-
One of the best millets whether for grain, silage or forage and also excellent for a grain crop.					
Pearl Millet	... <i>Pennisetum spicatum</i>	...	6d	4/-	15/-
Unsurpassed for hot, dry and sandy situations, the hardest in this respect of all the Millets.					
Proso Millet	... <i>Panicum miliaceum</i>	...	8d	12/6	40/-
The finest for a grain crop and also a very good forage or silage crop, it is hardy and drought resistant.					
Red Manna	... <i>Setaria italica</i>	...	6d	8/6	30/-
In type this resembles Boer Manna; heavy yielder; grain very attractive in appearance.					

Quantity to Sow.—Millet seed is smaller than Sorghum but the plant is not so large, except Pearl Millet, and the seeding is at about the same rate. say 20 to 25 lbs per acre when broadcasted and 10 to 12 lbs in drills.

Starke's Grain Pasture Mixture

The best grazing varieties of Oats, Barley, Rye, Crimson Clover, Vetches and Rape are combined in this mixture in suitable proportion to give full and palatable grazing for **Livestock** and **Poultry** in the late Autumn, Winter and Spring.

This mixture may be sown in early Autumn and again in early Spring. The quickest growing ingredient, Dwarf Essex Rape, will furnish grazing in six to eight weeks, under favourable conditions, and from then a succession of nutritious pasturage will follow until the natural Spring and Summer grazing is in full growth.

Sow 60 lbs. per acre. Price: 30 lbs 7/6; 60 lbs 13/6; 100 lbs 20/-.

Starke's "Kudu" Calf Meal

THE RELIABLE MILK SUBSTITUTE.



Numerous Prize Winners have been reared on this meal. Use it for your pedigree stock and make sure of full development. It is an entirely **South African Product** and always reliable.

25 lbs	50 lbs	100 lbs	200 lbs	2000 lbs
Price: 6/6	11/6	21/-	40/-	£19

Less Five per cent. for Cash with Order

GRASSES

It is necessary to use careful judgment about the time for sowing Grasses and it is a little difficult for us to advise definitely about this matter because conditions vary so much in South Africa and the advice that would suit one part might mean failure elsewhere. We think growers will be helped most reliably if we point out that there are roughly two sets of conditions prevailing and these arise out of the fact that there is a summer rainfall in certain areas as against a winter rainfall in others. Both these areas can grow grasses quite successfully but irrigation must play an important part in the process under certain conditions.

The main point is to decide whether we shall sow in autumn, or in spring or early summer. There are not many grasses that are suitable for spring sowing under winter rainfall. Most of the European grasses are better sown in autumn under such conditions. Under summer rainfall, however, conditions are quite different and it is necessary to sow grasses at the most favourable time. When that time is must be determined in each district by growers accustomed to the local conditions.

Where irrigation is possible the Rye Grasses and other European grasses are frequently sown in March even under summer rainfall and that approximates to the Western Province practice of sowing in autumn. Here it is preferably April or May, but only because the earlier rains are insufficient. It would be better if we could sow earlier.

The preparation of the soil for pasture grasses is a matter of the utmost importance. It can not be too well done. It is very necessary that the soil should be worked to a very fine tilth. This is important because many of the grass seeds are very small and if the surface is rough before sowing many will be too deeply covered while others will lie too near the surface and may be scorched before they can take root.

Mixtures are usually sown at the rate of 30 lbs per acre but when certain varieties are sown alone the quantity varies according to the variety.

The seed is sown with a small broadcast seeder, such as the "Cyclone" or the "Cahoon" Seeder, or it may be broadcasted by hand. This latter method requires great care to ensure even distribution and it may be necessary to mix the seed with some fine material to increase the bulk. This requires great care to ensure proper mixing.

Before sowing the seed bed should be very carefully compacted by rolling. The object is to provide a firm seed bed in which the young seedlings can take root quickly and from which the moisture will not be too readily evaporated. A fine tilth and loose surface about an inch in depth will provide these conditions. It follows that after rolling the soil will again be scarified with a light harrow.

The next operation is the covering of the seed and it needs even greater care than the preceding. The seed may be covered with a light bush-drag or by rolling once and light harrowing afterwards—any method that will ensure even covering may be used. If the soil has been thus well prepared and the fates are kind to you so that favourable weather prevails, a good growth can be expected, but much damage may be done by a few days of hot and dry weather immediately after sowing. The careful and experienced farmer will have the soil prepared well in advance and the seed ready at hand waiting for favourable weather conditions.

When such conditions prevail the seed can be sown without any delay and will thus be able to take full advantage of them.

During the past two or three years there has been much progress in the establishment of pasture and there are now growers in the Western Province who sow large quantities of seed annually.

Several grasses have proved valuable which have hitherto been neglected. The following are a few of them. Herd's Grass, Yorkshire Fog, Kentucky Blue Grass and Akaroa Cocksfoot.

The use of Clover in pasture mixtures continues to give favourable results and for this purpose Wild White Clover is particularly desirable. We are fortunately able to offer New Zealand grown seed of this at much lower prices than formerly prevailed for the Wild White variety and this seed is now very extensively used by our best growers. You will find it quoted in the Clover section of this catalogue.

If you have a PASTURE PROBLEM send it to us. Give us full information regarding the conditions and we will help you all we can. If we think you have a fair chance of success with it we will suggest a mixture specially for your requirements. We have done the same before for many other pastoralists and almost invariably the results have been favourable. Let us try to help you also. We can assure you that we will not recommend you to sow what we do not expect will be successful under the conditions you name. We do not attempt to get business in that way because we want permanent business just as badly as you want a permanent pasture. Ask others around you who have dealt with us. They will tell you that that is not our way.

Quantity to Sow.—In the case of Pasture Mixtures 30 lbs per acre is the usual quantity sown and it is always advisable to give a full seeding.

Most grasses sown alone are seeded at the rate of from 25 to 30 lbs per acre. The following exceptions may be noted: *Phalaris bulbosa* about 8 lbs; Teff about 6 lbs; the Rye Grasses always about 30 lbs.

COCKSFOOT.

(*Dactylis glomerata*)

This is a hardy perennial pasture grass which is well suited to cold districts and thrives equally well in milder areas. It stands constant grazing very well and tolerates considerable shade. There are several strains available.

		1 lb	25 lbs	100 lbs
Akaroa Cocksfoot	...	2/-	37/6	140/-

This strain is claimed to be one of the finest fodder producing varieties in the world to-day. This seed is grown in New Zealand.

Danish Cocksfoot	...	1/9	32/6	120/-
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Denmark is a big producer of Cocksfoot seed of finest quality.

FESCUE.

There are numerous Fescues and they vary considerably in form but all are hardy, the hardiest being New Zealand Tall Fescue.

		1 lb	25 lbs	100 lbs
Chewing's Fescue	... <i>Festuca duriuscula</i> ...	2/3	52/6	200/-

Dwarf habit, good drought resister, specially recommended for Golf Links, Bowling Greens, Croquet Lawns and similar uses.

Meadow Fescue	... <i>Festuca pratensis</i> ...	1/6	31/6	112/6
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Excellent perennial for pasture, liked by all stock and makes good hay.

New Zealand Tall Fescue	<i>Festuca arundinacea</i> ...	1/6	30/-	110/-
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This is even harder than the ordinary Tall Fescue, *F. elatior*, and is the kind generally grown in New Zealand.

Grasses—continued.

	1 lb	25 lbs	100 lbs
Sheep's Fescue ... <i>Festuca ovina</i> ...	2/-	42/6	165/-

One of the smaller Fescues, valuable in pasture for sheep and also of considerable advantage in lawn mixtures, tending to give a fine, close turf.

Tall Fescue ... <i>Festuca elatior</i> ...	2/6	55/-	200/-
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A very hardy perennial, succeeds under widely differing conditions and has proved valuable on the high veld.

RYE GRASS.

There are many forms of Rye Grass varying in their permanency, principally. When sowing Perennial Rye Grass it is an excellent plan to sow the less permanent varieties in mixture with it because they give a quick return while the slower but more permanent perennial variety is establishing itself.

	1 lb	25 lbs	100 lbs
Italian Rye Grass ... <i>Lolium multiflorum</i> ...	9d	14/6	52/6

A biennial hay and pasture grass of very great value.

Perennial Rye Grass ... <i>Lolium perenne</i> ...	9d	14/6	52/6
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Gives a very permanent pasture which is well worth establishing on suitable land. It is one of the best of grasses and although it is not easily established on new land it is capable of becoming a permanent grass on the farm in time. It thrives best on old farm lands and will spread naturally under reasonably favourable conditions. It makes splendid hay.

Western Wolths Rye Grass <i>Lolium sp.</i> ...	1/-	20/-	67/6
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An annual species and very rapid grower.

Wimmera Rye Grass ... <i>Lolium subulatum</i> ...	1/3	25/-	92/6
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An annual but a remarkably strong grower which re-seeds freely and may thus be regarded as a perennial crop; in Australia this is considered one of the heaviest producers for pasture.

OTHER GRASSES.

	1 lb	25 lbs	100 lbs
Bermuda Grass ... See "Couch Grass"	—	—	—
Buffalo Quick ... <i>Stenotaphrum glabrum</i>	—	—	—

The coarse quick commonly used for lawns at the Cape.
Plants only: 5/- per sack.

Couch Grass ... <i>Cynodon dactylon</i> ...	4/6	100/-	300/-
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The finest for Bowling Greens and lawns that have to withstand hard wear, very drought resistant.
Seed not recommended. Plants 7/6 per sack.

Crested Dogstail ... <i>Cynosurus cristatus</i> ...	2/6	50/-	175/-
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Dwarf habit, splendid sheep's grass, good drought resister, excellent for lawns making a dense turf.

Fine Quick ... See <i>Couch Grass</i>	—	—	—
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Herd's Grass ... <i>Agrostis vulgaris</i> ...	2/3	50/-	190/-
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This species tolerates a hot climate and might be tried as a summer grass also.

Hungarian Forage Grass ... <i>Bromus inermis</i> ...	2/6	55/-	200/-
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An awnless species, tall perennial with creeping rootstock, good drought resister, furnishes a good hay crop with quick aftergrowth for grazing.

Johnson Grass ... <i>Sorghum halepense</i> ...	3/-	67/6	265/-
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Kentucky Blue Grass ... <i>Poa pratensis</i> ...	3/6	75/-	250/-
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Thrives in wet land but will also endure considerable drought, an excellent perennial for pasture.

	1 lb	25 lbs	100 lbs
Kikuyu Grass ... <i>Pennisetum clandestinum</i> ...	—	—	—
The great East African grass, splendid for lawns and sporting grounds and for pasture. Plants only: 7/6 per sack			
Paspalum dilatatum ...	1/-	22/6	85/-
The well-known Tussock Grass from Australia, requires warm and moist conditions for several weeks to germinate the seed.			
Paspalum virgatum ...	1/6	32/6	125/-
More upright in growth and better suited to cold districts than <i>P. dilatatum</i> .			
Phalaris Bulbosa ...	10/6	—	—
A great pasture grass and good for hay, sow in autumn or spring or can be grown from root divisions. Per oz. 1/-.			
Rescue Grass ... <i>Bromus unioloides</i> ...	1/-	20/-	72/6
An annual winter grass which thrives throughout the country and re-seeds itself freely.			
Rhodes Grass ... <i>Chloris gayana</i> ...	2/9	60/-	225/-
A great drought resister, but is tender to frost. It makes splendid growth in summer and is suitable for pasturing and for hay.			
Sheep's Burnet ... <i>Poterium sanguisorba</i> ...	1/3	25/-	92/6
A deep rooting herb adapted to dry sandy soils and hardy to frost, excellent grazing crop.			
Sudan Grass ... <i>Sorghum vulgare</i> ...	6d	10/-	37/6
A splendid annual grass for Summer sowing for grazing or for hay; very rapid grower.			
Tall Oat Grass ... <i>Avena elatior</i> ...	2/3	52/6	200/-
An excellent perennial for hay and pasture giving early and luxuriant growth.			
Teff Grass ...	8d	12/6	40/-
The great summer hay crop of South Africa, also makes very good pasture.			
Timothy ... <i>Phleum pratense</i> ...	1/9	35/-	125/-
A nutritious perennial that imparts quality to hay, it should be included in every pasture.			
Wallaby Grass ... <i>Danthonia semi-annularis</i> ...	3/-	67/6	—
A deep rooting drought resistant grass from Australia said to thrive on poor soils where other grasses usually fail.			
Yorkshire Fog ... <i>Holcus lanatus</i> ...	1/3	21/-	77/6
An aggressive grass and in many countries considered a weed but it is certainly very useful in many parts of South Africa where the finer grasses would fail.			

GRASS MIXTURES.

	15 lbs	30 lbs	100 lbs
No. 1 Pasture Mixture ...	21/-	37/6	100/-
For dry situations, winter rains.			
No. 2 Pasture Mixture ...	21/-	37/6	100/-
For wet situations, winter rains.			
No. 3 Pasture Mixture ...	21/-	37/6	100/-
For dry situations, summer rains.			
No. 4 Pasture Mixture ...	21/-	37/6	100/-
For wet situations, summer rains.			
Special Highveld Pasture Mixture ...	25/-	45/-	120/-
A mixture of grasses specially selected to suit "highveld" conditions.			

LAWNS

THEIR PREPARATION AND UPKEEP.

In order to produce a good dense turf of good fine texture it is necessary that the soil should be well prepared beforehand and that the right seed should be used—a mixture containing only the finer grasses and such as do not become tufty. The following notes will be found helpful

Preparation of the Soil.—This should be taken in hand well in advance and the soil should be worked up again and again to a good depth during the warm weather so that the sun may have an opportunity of penetrating to all parts of the soil and exerting its beneficial influence. Stones and other coarse matter should be removed and the ground thoroughly pulverised wherever necessary. A good Fertilizer should be applied while this preparation is being carried out. The best for the purpose is our **Special Grass Fertilizer** and it should be used at the rate of 4 to 6 ozs. per square yard. After thoroughly working up the soil as described it should be consolidated by rolling or trampling, or other suitable means, and the surface should be raked over carefully to provide a seed-bed.

Sowing the Seed.—In districts with a winter rainfall this should preferably be done in the autumn and **Starke's Kudulawn Grass** should be used at the rate of $\frac{1}{2}$ oz. to the square yard. This thick sowing is necessary in order to provide a dense turf from the start. It is much better to secure a good result at the commencement than to endeavour to patch it afterwards. The seed should be lightly covered by raking or brushing the surface with a bunch of twigs or by dragging a light bush harrow over it and if any uncovered seed remains it should be covered by a light dusting of fine soil.

Top Dressing.—Frequent top dressing with soil is not desirable unless to even up the ground. If the Grass is cut frequently the clippings may be allowed to remain on the lawn and will prove of great benefit to it as they decay and provide a good protection to the roots during the hot weather. They also add to the humus in the soil which assists in making the plant food available. A light dressing of our **Special Grass Fertilizer** should be applied each season.

Weeds.—These will always make their appearance in new lawns in spite of the most careful preparation and treatment. They are always present in the soil and must be removed if the finer grasses are to have a fair chance. Hand-weeding is usually resorted to but much can be done by continuous mowing once the lawn grass is well established.

Lawn Grass Seed Mixture

A good and reliable Lawn Mixture is a necessity for good results whether with new lawns or in the renovation of old lawns that require reseeding. Our **Kudulawn Mixture** contains only the choicest seeds of the varieties most suited for this purpose and we have every confidence in recommending it to our clients as the very best and most suitable mixture for the peculiar conditions of this country.

Starke's Kudulawn Mixture.—Per lb 2/-; 25 lbs. 42/6; 100 lbs. 150/-

LEGUMENS

These crops all belong to that most important natural order Leguminosæ. They gather nitrogen from the atmosphere without cost to the farmer and are often aptly referred to as "soil renovators." You cannot afford to overlook them.

Lucerne

(*Medicago sativa*.)

This is the greatest of all Legumens. In every country where it will grow it is recognised as "The King of Fodder Crops." As a rotation crop it will only be used where conditions are so unfavourable that it cannot be a very permanent crop, because under other conditions it would be too valuable to plough under.

Yet Lucerne may be used as a rotation crop by the grain farmer with very great benefit to his land and to his livestock. Sown with the last crop before resting the land, as is done in the Western Province, it gives very valuable grazing and will work wonders for the soil and give a corresponding benefit and increased yield when the next wheat crop is put on the same land.

For this purpose seed can be used that can not be sold in the ordinary way for seeding for a permanent crop. Dodder is of no consequence under such conditions as the crop will be grazed and the Dodder will not have a chance to establish itself and will finally disappear when the next grain crop is taken. For this special purpose then we can supply at a very cheap price seed that is not suitable for export or for a permanent crop and we invite enquiries from farmers for this and will quote prices that will make it possible to use the seed on a big scale. We are sure this will be of very great advantage to grain growers and will be the means of increasing their crops very considerably.

For export and for permanent crops we offer the very highest grade of seed **free from Dodder** at competitive prices. That we are able to do this is amply proved by the enormous quantities that we have exported during recent years under the very stringent Government Regulations that are in force at present.

Thanks to these regulations and the strict manner in which they have been applied, South African Lucerne Seed is to-day recognised throughout the world as the very highest quality obtainable.

Dodder in Lucerne.—All Lucerne Seed sold by us at ordinary catalogue price is "Guaranteed free from Dodder" and by this we mean that if you examine the seed on arrival or send a sample of it to the Government for examination and any dodder whatever is found in it then the seed is to be returned to us and we will pay railage both ways and replace the seed with other which is free from dodder or refund the amount paid for it.

Dodder seed can be disseminated in several ways and it is possible for it to appear in any field at any time even on new ground and that would not necessarily be proof that the seed sown was infested. Therefore, we cannot accept the blame for dodder appearing in the field afterwards if it has not been found in the seed before sowing.

These conditions are perfectly clear and fair to both parties and we cannot under any circumstances accept responsibility beyond this.

Quantity to Sow.—When sown broadcast 25 lbs of Lucerne will sow an acre. If sown in drills from 8 to 12 lbs. will be needed, according to the width between the rows.

LUCERNE.		1 lb	25 lbs	100 lbs
Cape Lucerne (Recleaned)	Of "Provence" type but grown here and now more largely used than all other varieties together.	9d	13/6	50/-
Chinese Lucerne	...	2/6	—	—
Hunter River Lucerne (Recleaned)	Makes earlier growth than other varieties and usually gives a later cutting also.	1/-	20/-	75/-
Yellow Trefoil	... <i>Medicago lupulina</i> ...	1/3	22/6	80/-
As the name implies, this is allied to Lucerne. It is very useful on comparatively poor soils and especially when included in a pasture mixture for sheep and other small stock.				
Tagasaste	... <i>Cytisus proliferus</i> ...	7/6	—	—
The so-called "Tree Lucerne" but is not a true Lucerne. Grows to 8 feet or more and is a useful fodder plant.				

Clovers and Kindred Plants

Quantity to Sow.—When sown alone the quantities vary from about 10 lbs to 20 lbs according to variety. When sown in pasture mixtures the quantity would usually be from 2 to 5 lbs per acre according to variety.

		1 lb	25 lbs	100 lbs
Alsike Clover	... <i>Trifolium hybridum</i> ...	2/9	60/-	235/-
A true perennial, well adapted to wet situations, can be grown under irrigation.				
Berseem	... <i>Trifolium Alexandrinum</i> ...	2/-	43/6	167/6
A valuable clover for autumn sowing, will give 3 or 4 cuts under favourable conditions.				
Broad Red Clover	... <i>Trifolium pratense</i> ...	2/-	37/6	145/-
One of the best for pasture, likes a fairly heavy loam containing lime.				
Chilian Red Clover	... <i>Trifolium pratense</i> ...	2/-	37/6	145/-
A very vigorous strain of Red Clover.				
Crimson Clover	... <i>Trifolium incarnatum</i> ...	2/-	40/-	150/-
An annual clover for autumn sowing in the warmer districts, gives good winter feed.				
Dwarf White Clover	... <i>Trifolium repens</i> ...	2/3	50/-	180/-
Valuable for permanent pasture, the stems creeping and rooting at the joints.				
Giant Cow Grass	... <i>Trifolium pratense</i> <i>perenne</i> ...	2/-	45/-	165/-
The perennial form of Red Clover, gives heavy returns under good cultivation.				
Hubam Clover	... <i>Melilotus</i> ...	3/6	77/6	300/-
Grows to 6 or 7 feet and we hear that stock eat it greedily, a valuable green-manuring crop.				
Subterranean Clover	... ...	3/-	65/-	250/-
This Clover is proving valuable in Australia where it is transforming poor land into excellent pasture.				
White Blossom	Sweet Clover <i>Biennial</i> ...	1/-	22/6	85/-
In America this crop is extending rapidly and is proving valuable for green-manuring, pasture and hay.				
Wild White Clover	... <i>Trifolium repens</i> ...	3/6	80/-	300/-
This is claimed to be better than the ordinary White Clover for pasture but the seed is expensive.				

Beans, Peas, Vetches, etc.

There are both Winter and Summer Crops in this list. The following may be sown in Autumn:—Horse Beans, Field Peas, Vetches, Lentils and Lupins. In Spring you may sow the following: Field Peas, Cowpeas, Vetches and Peanuts.

Quantity to Sow:—This varies enormously according to the size of seed and manner of sowing. The following quantities may be considered approximately correct, broadcast, per acre:—Field Peas, Cowpeas, Lupins, 100 lbs; Vetches, 30 lbs; Peanuts, 25 lbs. Horse Beans would be sown in drills and probably 100 lbs would be needed.

		1 lb	25 lbs	100 lbs
Horse Bean	... <i>Vicia faba</i> ...	6d	7/6	25/-
In type this is like the "Broad Bean" of the Vegetable garden, a winter-legume, good for fodder and green-manuring.				
Mungo Bean	... <i>Phaseolus mungo</i> ...	6d	10/6	37/6
In habit this plant resembles the Cowpea but is of more erect growth and should be treated in the same way, valuable for green-manuring and a seed crop.				
Soy Bean	... <i>Glycine hispida</i> ...	8d	12/6	40/-
"Hollybrook Early." A rapid grower and heavy cropper. Sow 30 lbs. per acre in drills or 60 lbs. broadcast.				
Soy Bean	... <i>Glycine hispida</i> ...	6d	7/6	27/6
"Mahogany." A dark-brown seeded variety.				
Soy Bean	... <i>Glycine hispida</i> ...	6d	7/6	27/6
"Yellow." This is South African grown seed of an un-named variety.				
Velvet Bean	... <i>Mucuna utilis</i> ...	8d	12/6	45/-
"Osceolo." This variety is stingless and gives a very heavy growth and good yield of beans.				
Blackeye Cowpeas	... <i>Upright</i> ...	1/3	27/6	160/-
One of the best for a seed crop, the dried beans are usually in good demand at a favourable price.				
Brabham Cowpeas	... <i>Upright</i> ...	1/-	18/6	67/6
Vigorous grower and holds its foliage well. This variety has been giving splendid results in the Transvaal—one of the best.				
Iron Cowpeas	... <i>Recumbent</i> ...	6d	6/-	20/-
A very vigorous grower with large dark green leaves, long pods, well filled, medium early, prolific bearer and said to be rust resistant.				
New Era Cowpeas	... <i>Upright</i> ...	1/-	22/6	87/6
Early-maturing and yields a heavy crop of peas or a heavy crop of herbage for silage or hay.				
Whippoorwill Cowpeas	... <i>Upright</i> ...	1/-	17/6	62/6
A favourite early variety that yields a very heavy cutting for silage or hay.				
White Wonder Cowpeas	... ...	6d	6/-	20/-
Wonderful Cowpeas	... <i>Trailing</i> ...	1/-	18/6	67/6
Better for hay or silage than a dry crop as it makes very rank growth and requires a full season to mature.				
Mixed Cowpeas	... ...	6d	4/-	15/-
For cheap seeding we offer here seed of good quality but mixed or of any variety that happens to be available at a low price.				
Cape Field Peas	... <i>Pisum arvense</i> ...	6d	4/6	16/-
Yields heavy growth, splendid for green-manuring of orchards and grain lands, or may be used for a dry crop. Per bag of 200 lbs 30/-.				

		1 lb	25 lbs	100 lbs
Beans, Peas, Vetches, etc.—continued				
Green Field Peas	... <i>Pisum arvense</i> ...	6d	5/-	17/-
Favoured for table purposes on account of the green colour; its merits, otherwise, are about the same as the yellow variety				
Per bag of 200 lbs 31/6.				
Partridge Field Peas	... <i>Pisum arvense</i> ...	6d	6/9	25/-
Orchardists tell us that this variety is rust-resistant and consequently suits them better than others for green-manuring. Per bag of 200 lbs 47/6.				
Blue Lupins	... <i>Lupinus hirsutus</i> ...	6d	6/-	22/6
A very valuable green-manuring crop for autumn sowing.				
Spanish Bunch Peanuts	... <i>Arachis hypogoea</i> ...			
	Imported Seed	1/3	22/6	85/-
Produces a large nut and crops heavily, very popular, excellent for roasting.				
Valencia Peanuts	... <i>Arachis hypogoea</i> ...			
	Imported Seed	1/3	22/6	85/-
Large nuts and more to the pod than other varieties, splendid appearance, realises best prices.				
Virginia Peanuts	... <i>Arachis hypogoea</i> ...			
	Imported Seed	1/3	22/6	85/-
	Local Seed	6d	7/6	25/-
The nuts are of good size with large kernels and the vines furnish excellent forage.				
English Spring Vetch	... <i>Vicia sativa</i> ...	6d	8/6	30/-
The variety universally preferred in South Africa owing to its comparatively rapid growth, splendid for green forage, silage or for hay.				
Hairy Vetch	... <i>Vicia villosa</i> ...	1/-	16/6	57/6
Recommended for sandy soils, a small-seeded variety and very hardy.				
Konigsberg Spring Vetch	...	6d	8/6	27/6
Peluschkin Vetch	...	6d	7/6	25/-
A large seeded vetch which is likely to prove a valuable addition to our list of leguminous crops for fodder and green-manuring purposes.				
Purple Vetch	... <i>Vicia atropurpurea</i> ...	1/-	22/6	85/-
Excellent variety for cold districts. Also largely used in California for green-manuring of orchards and grain lands.				



Use Starke's Poultry Foods

We make a **SPECIAL MIXTURE** for **EVERY POULTRY PURPOSE.**

Write now for our **FREE POULTRY BOOK** and **Special Price List.**

C. STARKE & CO., Ltd., MOWBRAY, C.P.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

ROOT CROPS

Root crops certainly do not receive, in this country, the attention that they deserve. For weight of crop and general usefulness as fodder for stock, these are crops which can hardly be surpassed, and as most districts will grow one sort or another successfully, we feel that agriculturists generally and stock farmers in particular should be able to add materially to the possibilities of their farms by growing roots on a considerable scale

MANGELS AND BEET.

(*Beta vulgaris.*)

Quantity to Sow.—Eight to ten pounds should sow an acre, but it depends very much on the method adopted. Direct sowing in the field is to be preferred when circumstances permit and then the seed should be drilled at 18 to 24 inches between the rows, or for horse cultivation 30 inches may be preferable. If this method cannot be adopted the seed is usually sown on beds and transplanted. We prefer sowing in rows 10 or 12 inches apart if space will allow because it is easier to weed and the plants that remain after thinning for transplanting can be allowed to mature where they stand.

	1 lb	25 lbs	100 lbs
Mammoth Long Red Mangel ...	1/9	35/-	120/-
For rich loam this variety is unsurpassed and will give a heavier crop than any other.			
Yellow Globe Mangel ...	1/9	35/-	125/-
Excels in quality and is suited to shallower soils than other varieties.			
Silver Beet ...	2/6	55/-	210/-
A valuable grazing crop and it is claimed that it will last for several years if rested at suitable intervals.			
Sugar Beet ...	2/-	40/-	145/-
The roots are smaller than Mangels and formed below the surface, a valuable fodder crop on account of the high sugar content of the roots.			

SWEDES.

(*Brassica rutabaga.*)

Quantity to Sow.—The same quantity of seed per acre as for Turnips will be required and the plants must be thinned in the same way. This thinning is imperative with both these crops. It is quite impossible to grow a heavy root crop if the plants are not thinned because they will crowd one another and the crop will be all top growth with very little below

	1 lb	25 lbs	100 lbs
Sutton's Champion ...	2/3	50/-	180/-
An old and favourite purple-top variety, a great cropper and gives good shapely roots.			
Webb's Imperial ...	2/3	50/-	180/-
Of excellent size and good quality and yields a very heavy crop.			

Next to Pasture the most important matter to the Sheep Farmer is the production of cultivated crops for his most valuable stock. Turnips and other roots are very extensively grown in other countries for this purpose. Here they are utterly neglected! Why? Can South Africa afford to ignore such valuable crops?

FIELD TURNIPS.

(Brassica rapa, L.)

Quantity to Sow.—Two pounds of seed is sufficient to sow an acre if it can be spread thinly. With a **Planet Jr.** Seed Drill it is possible to do this after a little experience, but normally 4 or 5 lbs per acre would probably be used. Turnips should always be sown in drills 12 or 15 inches apart and should be very carefully thinned to about 4 inches in the row

	1 lb	25 lbs	100 lbs
Purple Top Mammoth ...	3/9	80/-	310/-
A white-fleshed, purple-top variety of splendid size, a very heavy cropper.			
White American Strapleaf ...	2/-	27/6	100/-
Flat and irregularly rounded, it is early and of excellent quality and endures heat well, may be used for field or garden.			
White Stone or Stubble ...	2/3	42/6	160/-
An early variety for field or garden, makes good size and gives a heavy crop, while young it is splendid for table.			

FIELD CARROTS and CHICORY.

Quantity to Sow.—Three to four pounds of Carrot seed should sow an acre. This crop is also best sown in drills about 12 or 15 inches apart like Turnips and Swedes. Thinning may not be quite so important as with those crops but it should not be neglected or the result will be thin roots of little feeding value.

	1 lb	25 lbs	100 lbs
Intermediate Carrot ...	3/-	55/-	205/-
Of medium length but makes roots of great size and is a splendid field crop as well as an excellent table carrot.			
White Belgian Carrot ...	5/-	110/-	425/-
A favourite stock-feeding variety, long roots and heavy cropper, it grows one third above the ground, that portion being green and the lower portion white.			
Large-Rooted Magdeburgh Chicory ...	3/6	62/6	240/-
A splendid grazing crop of simplest cultivation on soil that suits Mangels, sow 10 to 12 lbs per acre.			

Tobacco

(Nicotiana tabacum).

It is estimated that one ounce of seed should produce enough plants for an acre, but it naturally depends very much on what luck you have with the seed beds.

	oz	$\frac{1}{4}$ lb	lb
Brazilian American ...	3/-	10/6	35/-
Excellent for cigars and a delightfully aromatic smoker.			
Clarkesville ...	2/9	9/-	30/-
A heavy smoker, strong grower and gives a big yield.			
Connecticut Broadleaf ...	2/9	9/-	30/-
Used largely for cigar wrappers and binders and makes a good pipe tobacco, rapid grower, suited to sandy loam.			
Goldfinder ...	2/9	9/-	30/-
One of the best of the Virginia tobaccos for cigarette filler.			
Improved Gold Leaf ...	2/9	9/-	30/-
Splendid combination of size, weight and quality, leaf long and broad but fine in texture, one of the best of the bright tobaccos.			
Improved Hester ...	2/9	9/-	30/-
Cures a nice bright colour, suited for wrappers, cutters, fillers or cigars, leaf long and medium width, adapted to light loamy soils.			

Tobacco—continued

	oz	$\frac{1}{4}$ lb	lb
Improved White Stem Oronoko ...	2/9	9/-	30/-
Makes a good bright leaf and may also be cured for dark filler, suited to fairly rich and well drained soil especially alluvial with a clay sub-soil.			
Improved Yellow Oronoko ...	2/9	9/-	30/-
Easily cured to a bright colour or may be cured for dark filler, suited to fairly rich soil if well drained, does well on alluvial soils with clay sub-soil.			
Sterling ...	3/-	10/6	35/-
Bright colour, silky in texture, sweet flavour, best adapted to light loam with clay sub-soil.			
Virginia Oak Hill Yellow ...	2/9	9/-	30/-
Unsurpassed for delicacy of fibre.			
White Burley ...	2/9	9/-	30/-
Same as "Clarksville."			
Yellow Pryor ...	2/9	9/-	30/-
A good pipe tobacco and makes a fine wrapper or filler, on rich red land it will give a dark colour.			

TURKISH VARIETIES.

	oz	$\frac{1}{4}$ lb	lb
Turkish Soulook ... "Manyleaf" ...	3/6	12/6	45/-
This variety is responsible for much of the best Turkish Tobacco produced in the Stellenbosch and Frenchhoek districts.			

Fibre-yielding Plants

	1 lb	25 lbs	100 lbs
Common Flax or Linseed ...	6d	10/6	35/-
For a grain crop this variety is recommended as a heavy yielder of Linseed of good heavy quality.			
Quantity to Sow. —Seeding will probably vary between 60 and 100 lbs per acre according to the purpose for which the crop is grown. For fibre it requires thicker seeding than for a purely grain crop.			

COTTON.

(Gossypium sp.)

	1 lb	25 lbs	100 lbs
Griffin Cotton ...	8d	11/-	40/-
A long-staple variety that has many prizes to its credit.			
Improved Bancroft ...	8d	11/-	40/-
A favourite variety among cotton growers in the Transvaal.			
Watt's Long Staple ...	8d	11/-	40/-
A variety that can be recommended for trial.			
Zululand Hybrid ...	8d	11/-	40/-
This splendid variety is apparently of South African origin.			

The continued fertility of your land is dependent upon a suitable rotation of crops and the judicious application of Animal Husbandry to the Grain Farmers Problem. In this Catalogue crops are listed that make this possible. Grain Farmers should give particular attention to the sections dealing with Legumens and Root Crops.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

Rape, Kale and Mustard

These are valuable crops for grazing and deserve close attention from every up-to-date agriculturist. Rape, particularly, is now very extensively sown. In the grain districts of Koeberg, Darling, Malmesbury, Paarl and Caledon, this crop provides magnificent feed on the "brak-lands," where it is sown as a catch crop while the land is otherwise lying fallow, thus entailing no extra expense and providing an immense amount of feed for all kinds of stock. It is valuable alike for Sheep, Cows, Pigs, Ostriches and any grazing stock.

	1 lb	25 lbs	100 lbs
Dwarf Essex Rape ...	6d	9/-	32/6
This crop is now very largely grown in the Western Province for grazing purposes, it is important to have the right variety as some kinds are unsuitable.			
Chou Moellier or Marrow Kale ...	2/3	50/-	187/6
Both leaves and stem may be used for stock-feeding, a very profitable crop.			
Thousand Headed Kale ...	3/6	80/-	300/-
A tall branching cattle cabbage, produces a heavy crop of succulent leaf greatly relished by cattle, sheep, pigs, poultry, etc.			
Sea Kale ... <i>Perennial</i> ...	—	—	—
Resembles Rape but is hardier and perennial, a wonderful drought resister, well worth trial as a fodder plant and also a useful vegetable.			
Plants 3/9 per doz.; 22/6 per 100, posted.			
White Mustard ...	1/3	22/6	82/6
Splendid grazing crop for sheep, a very rapid grower, table mustard is produced from the seed of this variety.			

Melons and Gourds

These crops are typically South African and their value can hardly be exaggerated. They provide a very heavy yield of succulent green food that may be stored for many months and, with ordinary precautions, the loss during storing is negligible. Deep alluvial soil suits these crops well because it is their habit to search at great depths for the moisture that they require during the growing period.

Quantity to Sow.—From 2 to 5 lbs of seed will be required per acre according to variety and method of sowing

	1 lb	25 lbs	100 lbs
Pumpkin. —For special varieties see Vegetable Seed List.			
Cattle Pumpkin ...	2/-	40/-	150/-
Good seed at a cheap price for a field crop, any variety or mixed seed supplied at our discretion.			
Starke's Mammoth White Melon ...	3/-	65/-	250/-
This Kaffir Melon has been grown under our supervision for a very long period and well selected each season, the best of all Kaffir Melons.			

AUSTIN TRACTORS.

We hold the **LARGEST STOCK IN SOUTH AFRICA** of Spare Parts for these popular Farm Tractors. Write or wire us when you are in trouble—perhaps we can help you.

Miscellaneous Fodder Crops

		1 lb	25 lbs	100 lbs
Jerusalem Artichokes ...	...	6d	6/-	20/-
A splendid summer crop for pigs, the yield is heavy and pigs may be allowed to harvest the crop, suited to sandy soils.				
Buckwheat ...	<i>Fagopyrum esculentum</i>	6d	6/-	20/-
A summer-growing annual that produces a valuable grain crop much in demand for poultry feeding and other uses.				
Castor Bean ...	<i>Ricinus communis</i> ...	4/-	—	—
Common Castor Bean from which the commercial castor oil is derived.				
Sheep's Burnet ...	<i>Poterium sanguisorba</i> .	1/3	25/-	92/6
A deep-rooting herb adapted to dry sandy soils and hardy to frost, excellent grazing crop.				
Creeping Saltbush ...	<i>Atriplex semibaccata</i> ...	1/-	20/-	75/-
A very popular species, thrives particularly in the Robertson district and should suit similar areas.				
Old Man Saltbush ...	<i>Atriplex nummularia</i> ...	1/6	27/6	100/-
A tall-growing species, succeeds in the O.F.S. and in the Karroo area.				
Black Russian Sunflower...	...	6d	7/6	25/-
Makes a large head and the seed yield is heavy and of good quality.				
Tall Russian Sunflower ...	...	6d	7/6	25/-
A summer crop that thrives almost throughout South Africa, especially in the summer-rainfall areas.				

Seed Inoculation

The inoculation of seeds has been common practice for many years and it is now realized that good results are obtained only when the following conditions apply:

1. When the seed bed has been properly prepared.
2. When the soil is sweet.
3. When good seeds are used.
4. When the inoculant is fresh and vigorous.

Soil Inoculants.—"Farmogerm," "Stimugerm" and similar cultures are now largely used as a starter for the soil bacteria that cause the production of nitrogen nodules on the roots of leguminous plants. A distinct culture is used for each crop or, more correctly, group of crops. When ordering, state the crop for which it is required.

Soil Inoculants are prepared as a distinct culture for each crop. There are six cultures available at present, as under:—

- No. 1 For Clovers (*Trifolium* species).
- No. 2 For Lucerne, Hubam Clover and Sweet Clover.
- No. 3 For Vetches, Broad Beans, Garden and Sweet Peas.
- No. 7 For Cow Peas, Mungo, Lima and Velvet Beans.
- No. 8 For French Beans and Runner Beans.
- No. 9 For Soy Beans.

Soil Inoculant is easily applied to the seed just before using; full directions with each bottle.

Price: Large $\frac{1}{2}$ -bushel size—4/- per bottle, post free.

Vegetables.

We pay postage on **FOURPENNY** and **SIXPENNY** PACKETS of Vegetable Seeds to any address in South Africa.

BROAD BEANS.

(*Vicia faba*).

Locally known as "Boer Boontje," the Broad Bean is the first to be sown in autumn and is considered a delicacy among vegetables. It is easily grown and bears heavily.

All varieties 6d per pkt.		Per lb	25 lbs	100 lbs
Aquadulce	... Gives probably the longest pod among the Broad Beans.	1/-	18/6	65/-
Carter's Leviathan	... Hardy and suitable for early, medium or main crop, long pods, with 8 to 10 beans of excellent flavour.	1/-	22/6	82/6
Seville Long Pod	... An early variety producing a good crop of very long pods with from 4 to 8 beans of good size.	1/-	18/6	65/-

FRENCH BEANS.

(*Phaseolus vulgaris et multiflorus*).

A well known Summer Vegetable of the simplest possible cultivation. If the pods are picked regularly and clean the crop is long continued and very heavy.

All varieties 6d per pkt.		Per lb	25 lbs	100 lbs
Afrikaner	... Dwarf Same as "Victory."	—	—	—
Black Speckled	... Dwarf Vigorous grower, straight, green pods, 4-6 inches long and almost round, very prolific bearer.	2/-	42/6	160/-
Black Valentine	... Dwarf Probably the hardest of all French Beans and may be sown very early when other varieties would suffer severely from the cold, green-podded.	1/6	35/-	135/-
Chevrier	... Dwarf Valued for canning because the beans retain their green colour when dried and even when cooked.	2/-	42/6	167/6
Everbearing	... Runner A very heavy cropper lasting throughout the season if constantly plucked.	10d	17/6	60/-
Half White Sugar	... Dwarf A very popular variety, the beans are large and oval-round and beautifully marked, they may be used green or dry and are of excellent flavour.	8d	13/6	45/-
Kentucky Wonder	... Runner Green podded, heavy cropper, robust grower.	2/-	40/-	150/-
Kudu-Stringless	... Dwarf Prolific bearer of beautiful round green pods, entirely stringless, may be sown early because it resists cold better than most varieties.	2/-	42/6	160/-
Mont d'Or Butter	... Dwarf A yellow-podded, black-seeded variety of great merit, large pods of excellent quality are borne in profusion.	2/-	42/6	160/-
Pencil Pod Black Wax	... Dwarf Long round pods of rich yellow colour, tender and absolutely stringless, early and profuse bearer.	2/-	45/-	175/-

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.



Lima Beans
(Page 23)



Mont d'Or Butter Bean
(Page 21)



The Shah Bean
(Page 23)



Rustless Golden Wax Bean
(Page 23)

French Beans—cont.		1 lb	25 lbs	100 lbs
Perreux	... Dwarf ...	2/3	52/6	200/-
Pale green pods of good size and excellent quality, the seed is yellow with a brown ring round the hilum.				
Port Natal Sugar	... Dwarf ...	8d	12/6	40/-
Similar to 'Half-White' but a somewhat smaller bean and without the half-white marking.				
Red Canadian Wonder	... Dwarf	6d	10/-	37/6
	Local Seed	1/-	22/6	80/-
Strong grower, heavy cropper, pods large, excellent quality, so well known that it needs little recommendation.				
Red Valentine	... Dwarf ...	2/-	40/-	155/-
Green-podded, long, fleshy, crisp and tender, a reliable cropper.				
Rustless Golden Wax	... Dwarf ...	2/-	45/-	175/-
Large handsome stringless pods, brittle and tender, inclined to throw out tendrils because of its vigorous growth but retains the bush form.				
Scarlet Runner	... Runner ...	1/6	32/6	120/-
Highly ornamental, heavy cropper of large pods, should be plucked while young and tender.				
Surecrop Early	... Dwarf ...	2/-	45/-	175/-
Hardy and highly rust-resistant, gives rich yellow pods of great length, vigorous grower and heavy cropper, excellent variety.				
The Shah	... Dwarf ...	2/-	42/6	160/-
Vigorous grower, long, straight, green pods, 6-7 inches, seed black, one of the best for producing choice snaps.				
Victory	... Dwarf ...	10d	17/6	60/-
A very prolific variety having pale green pods of good size and excellent quality; seed yellow with a distinct brown-ringed "eye."				

LIMA BEANS.

(*Phaseolus lunatus*).

Lima Beans are very largely grown in America where they are greatly esteemed as a table bean used in similar manner to Broad Beans. The flavour, however, is distinct and the bean is tender to frost so that it becomes a summer crop and cannot be sown at the same time as Broad Beans. In other respects it may receive similar cultural treatment. As a summer crop the Lima Bean is not yet fully appreciated in South Africa, but it makes so delicious a vegetable that it must surely come into great favour in the near future.

All varieties 6d per pkt.

		1 lb	25 lbs	100 lbs
Wilson Bush	... Dwarf ...	2/6	52/6	200/-
The very latest improvement in the large type of Bush Limas, long pods, large buttery beans, unsurpassed for flavour.				

Good Seed is Cheap at a Good Price.

Cheap Seed is often dear at any price.

The finest vegetables are produced from "Kudu" Seeds.



Early Blood Red Turnip Beet
(Page 25)



Dutch Horn Carrot
(Page 25)

**Stump Rooted
Half Long Scarlet
Carrot**
(Page 27)



Chantenay Carrot (Page 25)



Scarlet Gem Radish
(Page 29)

GARDEN PEAS.*(Pisum sativum).*

This crop is easily grown and may be attempted even by the inexperienced. Its principal requirements are deeply worked and well-drained soil

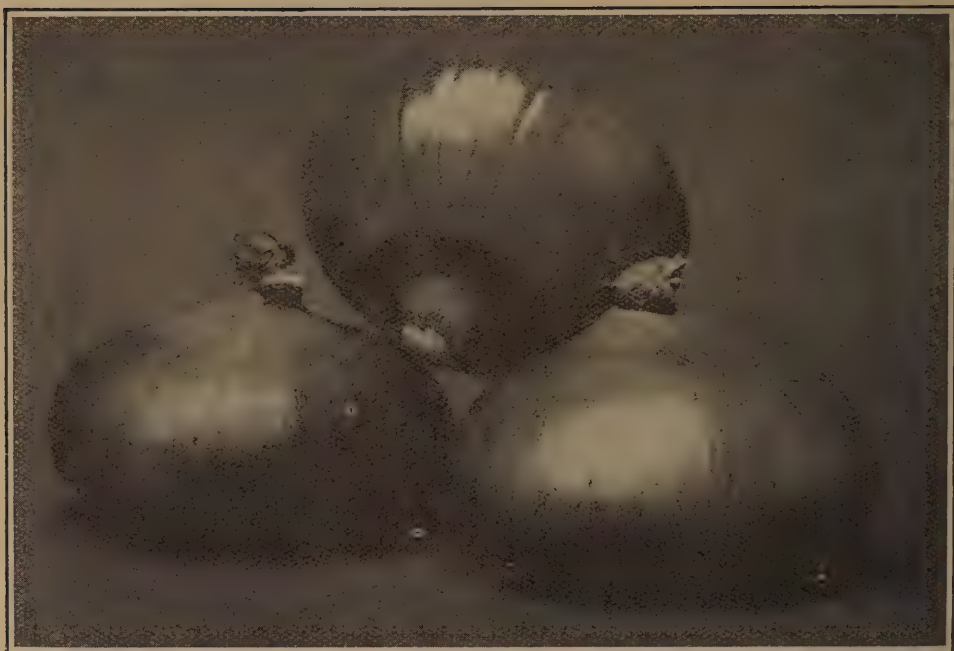
	All varieties 6d per pkt.	Per lb	25 lbs	100 lbs
Alderman	1/-	20/-	75/-
Greenfeast	9d	14/-	50/-
The leading Pea in New Zealand to-day, 18 to 24 inches, dark green foliage, curved pod, heavy cropper, stands a hot climate well.				
Stratagem	9d	14/-	50/-
One of the finest dwarf varieties, extremely popular with market growers, large pods, well filled, finest flavour, 1½ to 2 ft				
Sugar Peas, Dwarf Early	1/-	20/-	75/-
Edible-podded, a very prolific variety, 2 to 3 feet.				
Telephone	1/-	20/-	75/-
The best for late sowing, carries large and well filled pods, strong grower, 4 to 5 ft.				
Wiehahn's Crescent	10d	16/6	60/-
A remarkably fine variety of local origin, a splendid cropper and very popular, particularly reliable for the earliest sowings				
Yorkshire Hero	9d	15/-	55/-
A reliable variety, heavy cropper of excellent pods, splendid flavour, 2½ to 3 ft.				

BEEET.*(Beta vulgaris).*

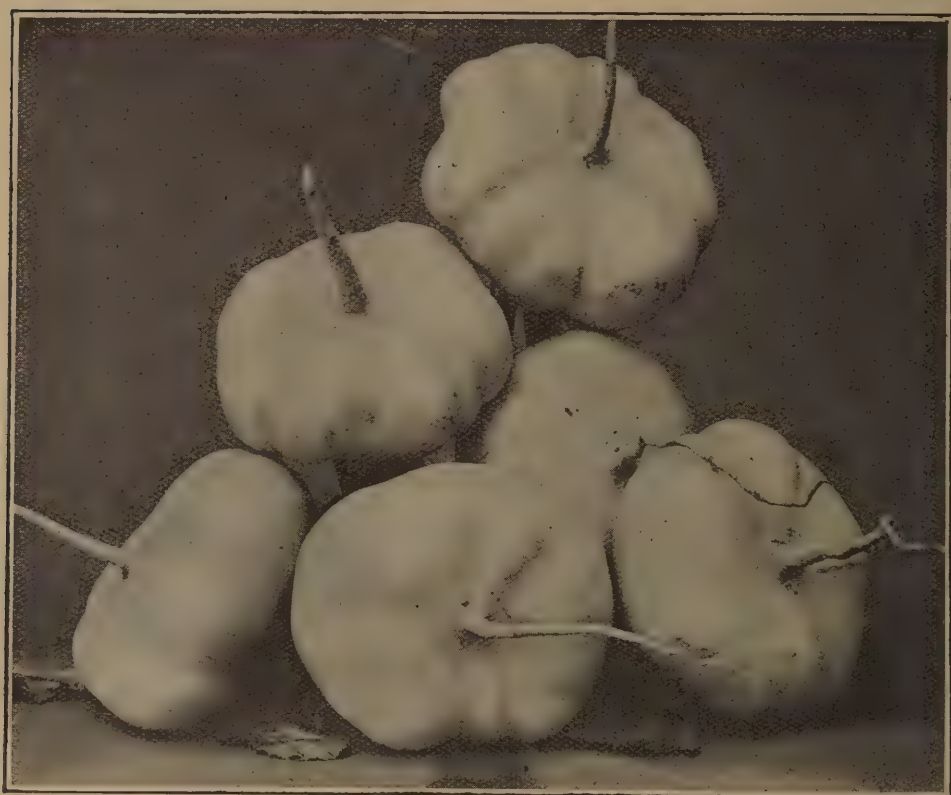
	All varieties 4d. and 6d. per pkt.	Per oz	¼ lb	lb
Early Blood Red Turnip	6d	1/3	3/6
Of dark red colour and excellent flavour, a variety of great merit as the bulbs come very true in form and type and it is early-maturing.				
Extra Early Flat Egyptian	6d	1/3	3/6
One of the earliest varieties, root flattened especially underneath, flesh dark blood red, leaves brown-red mixed with green				
Improved Dark Red Flat Egyptian	6d	1/3	3/6
By careful selection this variety has been improved in colour and type as compared with the original "Egyptian" Beet.				

CARROTS.*(Daucus carota, L.)*

	All varieties 4d. and 6d. per pkt.	Per oz	¼ lb	lb
Chantenay	6d	1/-	3/-
Of splendid shape and the best of table quality and one of the most reliable croppers. It is consequently a prime favourite.				
Dutch Horn or Early Short Horn	6d	1/6	4/6
Orange-red, tapering to the tip which is usually blunt, length about 3 inches, rapid grower.				
Long Red Altringham	6d	1/3	4/-
A very long, but somewhat slender root of excellent quality, the colour being entirely red. It requires a rich soil, deeply worked.				
Long Red Surrey	6d	1/3	4/-
A splendid table variety when well grown and drawn at a suitable stage of its development.				



Cape Straw-Coloured Onion (See page 27)



Earliest White Milan Turnip (See page 29)

Carrots—continued.

	Per oz	$\frac{1}{4}$ lb	lb
Nantes Early Half-Long ... An extremely popular table variety. It is red-fleshed with mild, sweet flavour and almost coreless.	6d	1/3	3/6
Oxheart or Guerande ... A favourite variety of excellent table quality, a reliable cropper and of good shape, between Short Horn and the Intermediate types in length.	6d	1/3	3/6
Stump-Rooted Half-Long Scarlet ... A half-long variety of good size, colour and flavour and a reliable cropper. It is fairly early in maturing.	6d	1/3	4 -
Touchon Coreless ... A variety of unusual merit which has created a wonderful demand wherever tried; bright orange-red, half-long in type, sweet, tender and free from hard core.	6d	1/3	3/6
White Belgian ... A splendid table carrot if drawn before the roots are too large, also largely used for a field crop.	6d	1/6	5/-

ONIONS.
(Allium cepa.)

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Australian Brown ... <i>Late</i> ... A splendid keeper and heavy cropping variety	1/-	3/6	12/6
Brown Spanish ... <i>Late</i> ... Medium size, brown skin, sound and solid. It is a splendid keeper and heavy cropper.	1/-	3/-	10/6
Cape Straw-Coloured ... <i>Late</i> ... As a main-crop variety this is unsurpassed. It produces a very heavy crop of large bulbs and is one of the most profitable varieties to grow.	1/-	3/-	10/6
Early Flat Yellow Cape ... <i>Early</i> ... Like White Bermuda, very early, the best variety to catch the early market or for districts with a short growing period.	1/-	3/6	12/6
Paris Silver-Skinned ... <i>Early</i> ... Silvery white, flattened bulb, one of the best early white pickling onions.	1/-	3/-	10/6
Prizetaker ... <i>Late</i> ... A large and uniformly round onion, thin neck, straw-coloured, of somewhat recent introduction and gaining rapidly in popular favour.	1/-	3/6	12/6
White Queen ... <i>Early</i> ... Gives a comparatively small and much flattened bulb of silvery white colour and is remarkably early.	9d	2/6	8/6
Yellow Bermuda ... <i>Early</i> ... This imported seed is seldom obtainable; it is the variety from which "Early Flat Yellow Cape" was derived and is a little earlier in maturing than that variety.	1/-	3/-	10/6
Yellow Flat Vertus ... <i>Medium Early</i> ... A very nice marketable onion of medium size and good quality.	9d	2/-	6/-

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PARSNIPS.*(Peucedanum sativum).*

All varieties 4d. and 6d. per pkt.		Per oz	$\frac{1}{4}$ lb	lb
Hollow Crown	...	6d	9d	2/6
Gives a long, smooth root and is a highly productive variety.				
Suttons Student	...	6d	9d	2/6
Gives a splendid thick root somewhat shorter than Hollow Crown.				

SEED POTATOES.*(Solanum tuberosum).*

Every season we hand-pick thousands of cases of South African grown Seed Potatoes, selecting and sending out only the very best that we can find. These are dealt with from March onwards till about October, according to season.

From September onwards imported Seed Potatoes are also available and we import large quantities of the most favoured varieties. We give below descriptions of varieties that have been available during past seasons. Prices are quoted on application.

Ally ...
A Scotch variety of recent introduction It is a very heavy cropper of the finest quality.

Arran Chief ...
One of the best Scotch varieties and now well known in South Africa.

Early Rose ...
A favourite early variety, it comes now almost entirely from France and the imported seed is usually of excellent quality; it matures in three months.

Flourball ...
A local variety, and imported seed is therefore unobtainable, much favoured for planting on the Cape Flats.

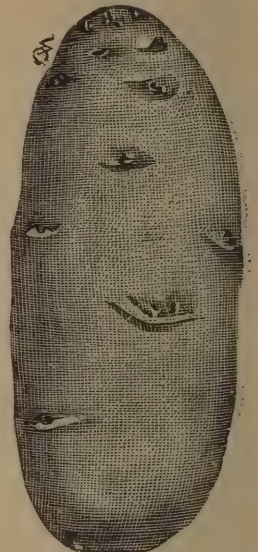
Great Scot ...
Round-shaped tuber, flesh white and very good for cooking.

King Edward ...
A late variety of great merit.

King George V. ...
A medium-early variety producing a heavy crop of excellent tubers, it gives ample top growth, well covering the land.

Majestic ...
An early-main-crop variety of kidney shape. A very heavy cropper.

Up-To-Date ...
Seed of this old favourite is now becoming somewhat difficult to obtain from England but supplies still come fairly freely from France.



**Early Rose
Potato.**

RADISHES.

(*Raphanus sativus*).

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
China Rose Winter ... Large and solid, half-long in shape and of mild flavour, can stand longer than other varieties without becoming spongy, suitable for winter.	6d	9d	2/6
Crimson Globe ... A small round red radish of excellent flavour and crisp quality. It is a very rapid grower and one of the best if suitably forced.	6d	1/-	3/-
Early Round Deep Scarlet ... An excellent forcing variety of attractive appearance.	6d	9d	2/6
French Breakfast ... A highly favoured variety and of excellent quality when well grown. It is oval in shape and the colour is scarlet tipped with white.	6d	9d	2/6
Long Black Spanish ... For Winter growing. Flesh white, firm and very pungent.	6d	1/-	3/6
Long Red ... A crisp and fairly quick-growing variety of excellent flavour.	6d	1/-	3/-
Long White Spanish ...	9d	2/3	7/6
Round White Spanish ... Specially good for Winter growing.	9d	2/3	7/6
Scarlet Gem ... Round scarlet, white tipped, very fine for forcing.	6d	9d	2/-

SWEDES.

(*Brassica rutabaga*, L.)

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Sutton's Champion ... A much-favoured variety for the vegetable garden and it can be confidently recommended.	6d	9d	2/3
Webb's Imperial Purple Top ... Of good size and fine quality.	6d	9d	2/3

TURNIPS.

(*Brassica rapa*, L.)

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Earliest White Milan ... Clear white, very smooth, round and flat, flesh tender and sweet, one of the best of the early varieties.	6d	9d	2/6
Early Six Weeks ... Early-maturing and a very reliable cropper, grows to a good size in very quick time and is a splendid table variety.	6d	9d	2/-
Early Snowball ... Snow-white, ball-shaped, rapid grower, makes a good size in record time, it is juicy and of splendid flavour.	6d	1/-	3/-

OTHER ROOTS.

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Large Flag Leek ... Of large size and superb quality.	6d	1/6	5/-
White French Salsify ... The Roots of this delicious vegetable are boiled or stewed like Carrots.	1/3	4/-	15/-
Scorzonera ... A black-rooted vegetable similar to Salsify. It is grown and treated and used just like Salsify.	2/-	6/9	25/-



Brussels Sprouts

BROCCOLI.*(Brassica oleracea botrytis).*

Almost identical to Cauliflower, but is hardier. It requires the same treatment as Cauliflower and might well be tried in the colder districts where its extra hardiness may be a decided advantage.

All varieties 4d. and 6d. per pkt.

Per oz	¼ lb	lb
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Early White French ...

1/3	4/-	15/-
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A hardy and early variety, easily grown and gives a firm, compact head.

White Mammoth ...

1/3	3/9	12/6
-----	-----	------

A late variety producing a large head of good quality.

BRUSSELS SPROUTS.*(Brassica oleracea gemmifera).*

Seed of this very delicious vegetable should be sown very early—November to January—and should be treated like Cauliflower. We strongly recommend our customers to try this as its value has not yet been sufficiently realized in this country.

All varieties 4d. and 6d. per pkt.

Per oz	¼ lb	lb
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Dwarf Improved ...

9d	2/3	7/6
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This splendid variety gives sprouts of excellent quality on a stem of moderate height and is a very satisfactory cropper.

CABBAGE.*(Brassica oleracea capitata).*

All varieties 4d. and 6d. per pkt.

Per oz	¼ lb	lb
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All Seasons ...

1/6	5/-	17/6
-----	-----	------

A second-early variety adapted for either Summer, Autumn or Winter use; the heads become solid before fully grown and are not liable to split.

Cape Spitz Kool (Krul Blaar) ...

2/-	6/-	21/-
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This well known variety is deservedly popular throughout South Africa. For the main winter crop it is unsurpassed. Seed is sown from November onwards till about the end of January but the later plants must be brought on quickly so that they are headed before the spring. It makes a fine large head which is very compact

Chinese Pe Tsai ...

6d	1/3	4/-
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This bears very little resemblance to the ordinary Cabbage. The young plants are easily mistaken for Turnips, the leaf being very soft and succulent. It is of remarkably quick growth and heads up very much like a Cos Lettuce. The leaves are soft and tender and may be used also as a spinach. Sow very early so that the plants may head up before the spring otherwise they will then go to seed.

Copenhagen Market ...

9d	2/-	6/6
----	-----	-----

Very early, yet the solid round heads grow to a large size, on short stems with few outer leaves, a very fine variety for a quick crop.

Daniel's Defiance ...

6d	1/6	5/-
----	-----	-----

In shape this resembles "Cape Spitz Kool" but it is earlier.

Dark Red Early Dutch ...

9d	2/-	6/6
----	-----	-----

An early variety of very dark colour but less deeply coloured heart. The head is small, round and compact.

Early Drumhead or Early Flat Dutch ...

6d	1/6	5/-
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Heads round and flattened, very firm, matures about three weeks earlier than "Surehead" which it resembles in type.



Copenhagen Market Cabbage.
(Page 31)



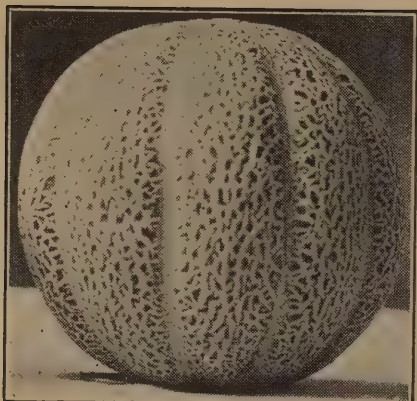
Southern Cross Cauliflower
(Page 33)

Cabbage—continued.	Per oz	¼ lb	lb
Early Jersey Wakefield ... This popular variety is of moderate size but matures very rapidly and is one of the best for late sowing.	6d	1/6	5/-
Glory of Enkhuizen ... A sure-heading variety, very early, the heads almost perfectly round, solid and of good size and finest quality.	9d	2/-	6/6
Green Globe Savoy ... A splendid globe-shaped variety, quick maturing and of very fine table quality. It is a sure cropper and may be used for a winter or for a spring crop.	6d	1/6	5/-
Large Brunswick, Short Stem ... A flat-topped, medium early variety. It does well in a hot climate.	6d	1/6	4/6
Large Oxheart ... An excellent variety for later sowing than Cape Spitz Kool. It makes large heads of excellent quality and good flavour.	6d	1/6	4/6
Mammoth Red Drumhead ... A thoroughly reliable and sure-cropping variety largely used for pickling.	9d	2/3	7/6
Mason's Drumhead ... Large, broad, flat and hard head. One of the finest of the late varieties.	6d	1/6	5/-
Robinson's Champion Drumhead ... A reliable variety making large heads and a sure cropper. It may be sown early but may be continued longer than Cape Spitz Kool.	6d	1/6	4/6
Surehead ... A large type of Drumhead, heads round and flattened, very hard.	6d	1/6	5/-
Winningsstadt Early ... In type this is similar to "Early Jersey Wakefield" and may be sown late as it is a rapid grower and sure-heading variety of very fine table quality.	9d	2/-	6/6

CAULIFLOWER.

(*Brassica oleracea botrytis cauliflora*).

All varieties 4d. and 6d. per pkt.	Per oz	¼ lb	lb
Doble's Early Cape ... Strong and rapid grower, finest quality; a well known and much favoured Cape variety.	2/6	8/6	30/-
Early Italian Giant ... In character this is similar to "Late Italian Giant" but matures more quickly and may consequently be used for later sowing.	1/-	3/-	10/6
Late Italian Giant ... Of large size and gives well protected heads. It is suitable for the main crop.	1/-	3/-	10/6
Late Metropole ... A very late and hardy variety, large heads of snowy whiteness, tender and delicate flavour, does well at Modder River and should be tried in the Karroo.	1/3	3/9	13/6
Southern Cross ... A quick-growing variety giving large, compact and well-protected heads.	2/-	6/-	21/-
Veitch's Autumn Giant ... Gives large and firm heads and is a vigorous grower requiring plenty of room. It should be sown early for the main winter crop.	1/-	3/-	10/6



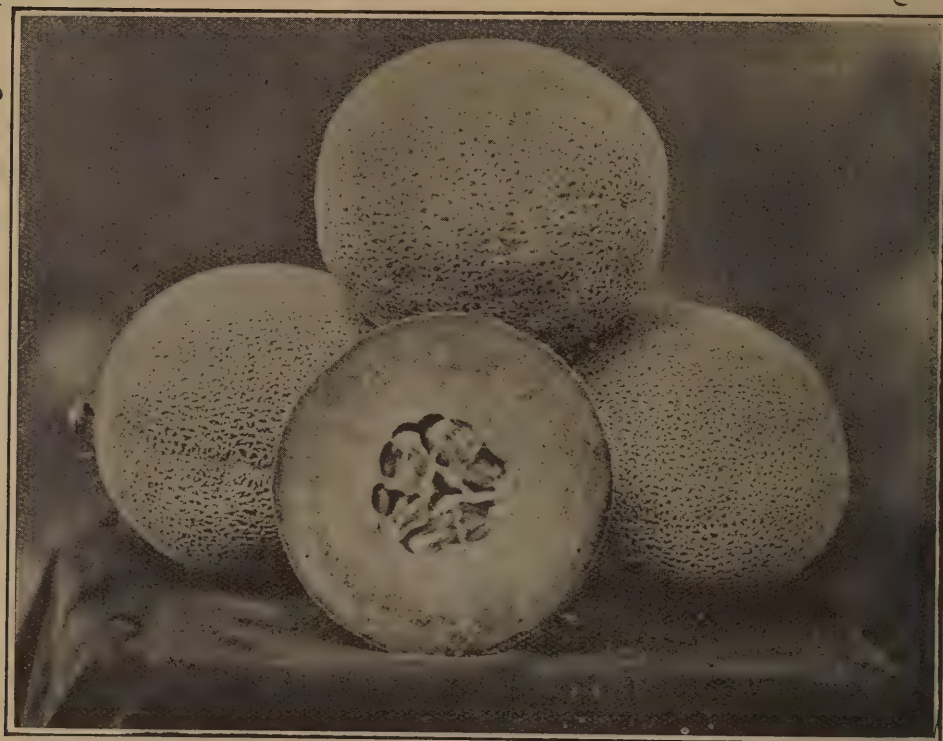
**Extra Early Hanover
Musk Melon**

(Page 37)



**Gold Lined Rocky Ford
Musk Melon.**

(Page 37)



**Pollock 10-25
Musk Melon**

(Page 39)

GARDEN KALE.

(*Brassica oleracea acephala*).

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Chou Moellier or Marrow Kale ...	6d	9d	2/3
A large variety of Kale with thickened stem. The leaves may be used like Curled Kale but its value as a vegetable is in the stem which is used in the same manner as Kohl-Rabi.			
Dwarf Curled ...	6d	1/3	3/6
Of compact habit forming a dense mass of moss-curved foliage.			
Tall Curled ...	6d	1/3	4/-
Popularly known as Scotch Kale. Very hardy and of excellent quality.			

KOHL-RABI or KNOL KOOL.

(*Brassica oleracea caulorapa*).

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Early White Vienna ...	6d	1/6	5/-
A quick maturing variety of splendid quality. It may be sown early for a winter crop and also later for a spring crop.			
Extra Large White Goliath ...	6d	1/3	4/-
A vigorous grower producing large bulbs. It stands drought and heat better than most varieties.			
Purple Vienna ...	6d	1/6	5/-
The bulb and leaf stalks are purple, otherwise like Early White Vienna.			

CALABASH.

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Bottle Gourd or Large Calabash ...	1/-	3/-	10/6
This variety is used by the natives as a water receptacle. It is also used as a vegetable in similar manner to Vegetable Marrow but must be taken very young for that purpose.			

CUCUMBER.

(*Cucumis sativus*).

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Arlington White Spine ...	9d	2/3	7/6
Early, prolific and produces a continuous crop of symmetrical fruits of good size and of an intense rich deep colour shading lighter towards the tip, holds its colour well and affected less by the hot sun than most varieties.			
Bedfordshire Ridge ...	9d	2/3	7/6
A well known hardy and prolific variety. It is of moderate length and compact shape and a very heavy cropper.			
Cool and Crisp ...	9d	2/3	7/6
Tapers at both ends with prominent knobs or warts; very handsome at the slicing stage; early and prolific.			
Early Fortune ...	9d	2/3	7/6
Holds its intense green colour better and remains edible longer than most varieties; ends taper, skin smooth, fruits uniform and symmetrical; a splendid variety, particularly good for distant markets as it carries well.			

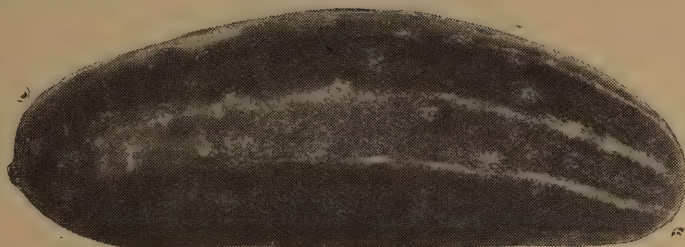


Wood's Earliest Prolific Squash.
(Page 41)



Golden Beauty Muskmelon
(Page 37)

Cucumber—continued



Klondike Cucumber.

	Per oz	$\frac{1}{4}$ lb	lb
Fordhook Famous ...	9d	2/3	7/6
This variety is long, straight and well-formed, a vigorous grower and very productive. It retains its green colour particularly well.			
Japanese Climbing ...	9d	2/3	7/6
Comes into bearing quickly and sets its fruit constantly throughout the season. It is of excellent quality and a dark green colour			
Klondike ...	9d	2/3	7/6
Very early, good shape, medium length, keeps its colour remarkably well, recommended for South African conditions.			
Long Green English ...	9d	2/3	7/6
Fruit long and spiny, flesh thick, firm and crisp.			
New Model ...	9d	2/6	8/6
This Cucumber is very early, hardy and is uniform in shape and size, holds its deep rich green colour remarkably well and is affected less by the hot sun than any other.			
West India Gherkin ... <i>Agurkie</i> ...	1/-	3/-	10/6
Small, green, oval fruit, covered with spines.			

MUSK MELONS.

(*Cucumis melo*).

All varieties 4d. and 6d. per pkt.

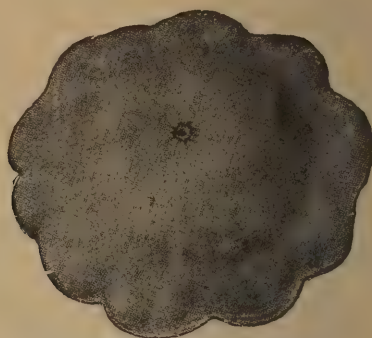
	Per oz.	$\frac{1}{4}$ lb	lb
Bay View ...	9d	2/3	7/6
A long, late melon, large size, up to 12 lbs, green flesh of good quality, often called "Cape Spanspek."			
Burrell's Gem ...	9d	2/3	7/6
Skin rather dark green, thin rind, thick salmon coloured flesh, juicy and delicious flavour.			
Cape Winter or Export ...	1/3	4/-	12/6
One of the finest export melons of the Casaba type, it has developed superior qualities from careful selection in South Africa.			
Extra Early Hanover ...	9d	2/3	7/6
A round netted melon of good size and very early, thick green flesh, thin rind, delicious flavour.			
Golden Beauty ...	9d	2/3	7/6
A long-keeping melon of delicious flavour which should prove valuable for export.			
Gold Lined Rocky Ford ...	9d	2/3	7/6
Green-fleshed, sweet and deliciously juicy, the meat is thick and fine-grained, a round melon of good size and densely netted, highly rust-resistant.			



**Sugar or. Pie
Pumpkin**
(Page 39)



Hubbard Squash
(Page 39)



Golden Custard Squash
(Page 39)

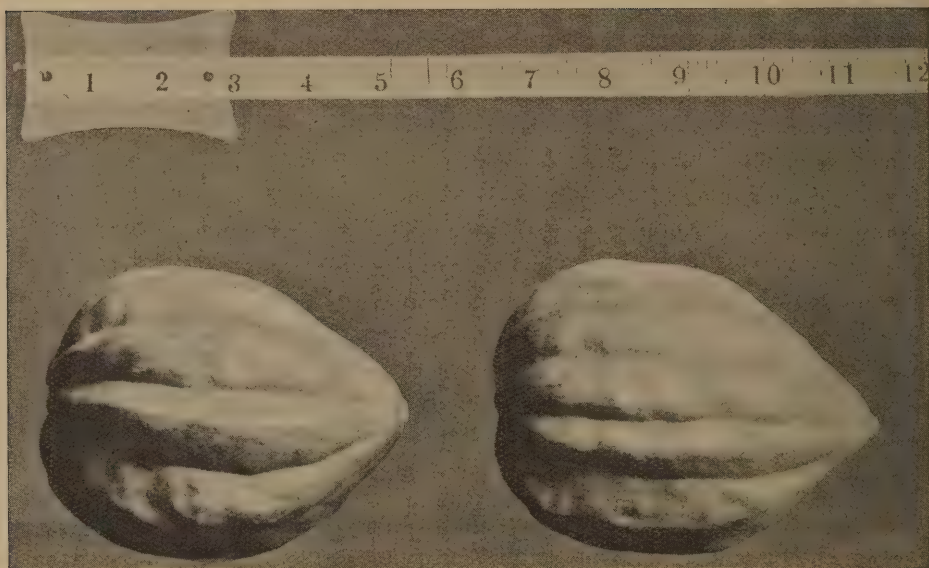


Table Queen Squash
(Page 41)

VEGETABLES—Cucurbits

39

Musk Melons—continued

	Per oz	$\frac{1}{4}$ lb	lb
Honey Dew ...	9d	2/3	7/6

In type and appearance this is just like our "Cape Winter or Export Melon" and we have no doubt it will prove equally as valuable. Green fleshed.

Pollock 10-25 ...	9d	2/3	7/6
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An early melon of solid netted type, very small seed cavity, thick luscious flesh, salmon shading to green near the rind, carries well to distant markets.

PUMPKINS.

(*Cucurbita pepo*, L.)

All varieties 4d. and 6d. per pkt.	Per oz	$\frac{1}{4}$ lb	lb
Bright Red Etampes ...	6d	1/3	4/-

Of medium size, flat, and bright red colour. It is very productive and of good flavour.

Ceylon ...	9d	2/3	7/6
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The name is local but in type this is the same as the American "Cushaw Striped" which is a crook-neck pumpkin of excellent quality.

Fraserdale Improved Boer ...	1/-	3/-	10/6
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An improved strain of the Cape Boer Pumpkin. It is a heavy cropper and splendid keeper. The flesh is thick and firm and of excellent flavour.

Iron Bark ...	9d	2/3	7/6
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Medium in size and of excellent flavour.

Japanese Pie ...	9d	2/-	6/6
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A very early and popular variety of crook-neck type, dark green skin, solid flesh, good flavour.

Large Cheese ...	6d	1/6	5/-
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Flat, cream coloured and slightly ribbed, very prolific and disease resistant, good keeper

Sugar or Pie ...	9d	2/-	6/6
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Fine grained, deliciously sweet, rich deep orange-yellow flesh, a good keeper.

Winter Luxury ...	9d	2/-	6/6
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Bright orange colour, very prolific, early, about 7 lbs, one of the sweetest pumpkins grown.

SQUASH and VEGETABLE MARROW.

(*Cucurbita maxima*).

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Golden Custard Scallop ... <i>Bush</i> ...	6d	1/-	3/6

This is a Mammoth strain of the Golden Bush on which it is a great improvement. It has golden yellow flesh of very fine quality.

Golden Hubbard ... <i>Trailing</i> ...	9d	2/3	7/6
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The earliest of the Hubbards; a little smaller than the green variety; rind somewhat warted and a golden colour; keeping qualities excellent; a delicious squash and very prolific.

Hubbard Squash ... <i>Trailing</i> ...	9d	2/3	7/6
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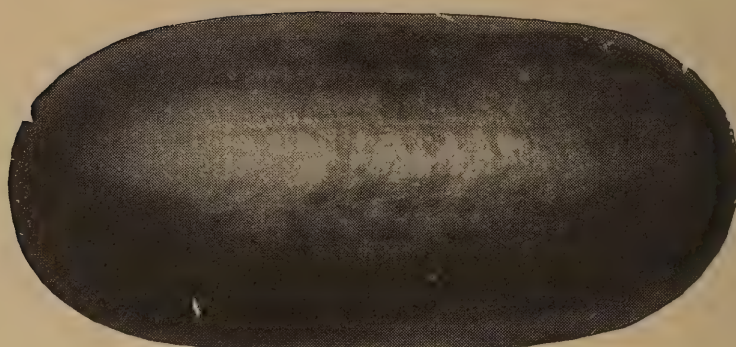
One of the finest squashes for winter use, large and heavy, bright orange flesh, fine grained, dry, sweet and richly flavoured, splendid keeper.

Good Seed is Cheap at a Good Price.

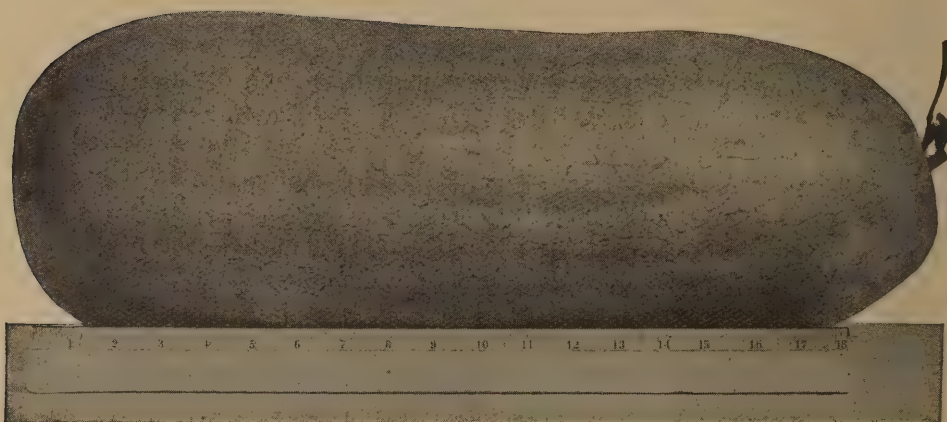
Cheap Seed is often dear at any price.



Alabama Sweets Watermelon
(Page 41)



Halbert Honey Watermelon
(Page 41)



Thurmond Gray Watermelon
(Page 43)

Squash and Marrows—continued

	Per oz.	$\frac{1}{4}$ lb	lb
Little Gem Squash ...	1/3	4/-	15/-
A small round green squash about the size of an orange, yellow when ripe. This most delicious squash is boiled and eaten without removing the seeds. There is nothing to equal it in flavour and it is a most prolific bearer.			
Long Green Vegetable Marrow <i>Bush</i> ...	6d	1/6	5/-
Similar to Long White Bush excepting in colour.			
Long White Vegetable Marrow <i>Bush</i> ...	6d	1/6	5/-
A favourite marketing variety and a great cropper.			
Mammoth White Scallop ... <i>Bush</i> ...	9d	2/-	6/6
A specially developed strain of White Scalloped Bush. The fruits are of large size and splendid quality.			
Table Queen ... <i>Trailing</i> ...	9d	2/3	7/6
A small squash of deep green colour and superb flavour. (See illustration).			
White Scallop ...	9d	2/-	6/6
A splendid early maturing variety which is a favourite among market gardeners.			
Wood's Earliest Prolific ... <i>Bush</i> ...	1/3	3/6	12/6
Earlier than any other Squash, fruits similarly shaped to the ordinary Scalloped Squash but the scallops are not so pronounced.			

WATER MELONS

(*Citrullus vulgaris*).

All varieties 4d. and 6d. per pkt.

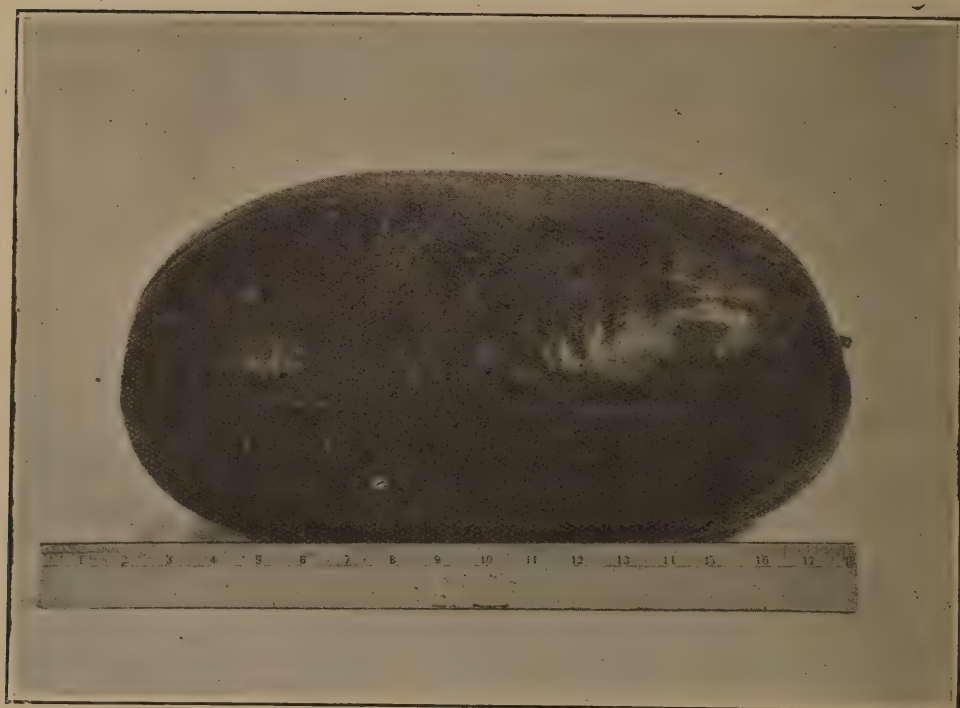
	Per oz.	$\frac{1}{4}$ lb	lb
Alabama Sweets ... <i>White Seed</i> ...	6d	1/6	5/-
Oblong in shape, large and attractive, skin bright green with darker stripings; flesh bright red, solid, sweet and entirely free of stringiness.			
Capec Ice Cream ... <i>White Seed</i> ...	9d	2/-	7/-
A long melon, very early, luscious and crisp with a thin rind.			
Dark Icing ... <i>White Seed</i> ...	6d	1/6	5/-
An extra early and extra good melon for home use and nearby market. It is one of the most delicious of melons, rich red and sugary to the very thin rind.			
Dixie ... <i>Black Seed</i> ...	6d	1/6	5/-
Oblong in shape, very dark green with lighter stripes, good keeper, bright red flesh, very thin rind.			
Excel ... <i>Black Seed</i> ...	6d	1/6	5/-
A large melon, rather late, dark green skin, tough rind, good carrier, a favourite in the Transvaal.			
Florida Favourite ... <i>White Seed</i> ...	6d	1/6	5/-
Splendid large, long melon. It matures early, carries well and is a fine home melon. Its solid, juicy, bright crimson meat is deliciously sweet and the rind is thin.			
Georgia Rattlesnake ... <i>White Seed</i> ...	6d	1/6	5/-
An old and favourite variety. It has a thin, tough rind and deep scarlet flesh with a flavour that is unsurpassed by any other variety.			
Halbert Honey ... <i>White Seed</i> ...	6d	1/6	5/-
A long early melon with dark glossy green skin, crimson flesh, and unsurpassed for sweetness. It is splendid for home use and nearby markets.			



Georgia Rattlesnake Watermelon
(Page 41)



Tom Watson Watermelon
(Page 43)



Kleckley's Sweet Watermelon
(Page 43)

VEGETABLES—Cucurbits—Tomatoes

43

Watermelons—continued

Ice Cream

... White Seed

Oblong in shape, medium green colour, very thin rind, prolific, exquisite flavour, too brittle for shipping.

Irish Gray

... White Seed

A large, long melon with light green rind which carries well and is of splendid quality, similar to "Thurmond Gray."

Kleckley's Sweet

... White Seed

Dark green skin, thin rind, flesh sweet, crisp and sugary with a solid heart, a long melon of good shape.

Sugar Stick

... Black Seed

One of the best of the long melons, light green, tough rind, delicious flavour.

Thurmond Gray

... Brown Seed

A large, long melon, good carrier, light green rind, very fine quality.

Tom Watson

... Brown Seed

A large and long melon. It has a dark green skin which is thin but tough and carries well. The flesh is deep red, crisp, melting, and of finest flavour.

Wondermelon

... White Seed

A very fine variety in every way and handsome in appearance.

Per oz	$\frac{1}{4}$ lb	lb
6d	1/6	5/-

6d	1/6	5/-
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6d	1/6	5/-
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6d	1/6	5/-
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6d	1/6	5/-
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6d	1/6	5/-
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6d	1/6	5/-
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TOMATOES.

(*Lycopersicum esculentum*).

All varieties 4d. and 6d. per pkt.

Per oz	$\frac{1}{4}$ lb	lb
1/9	6/-	22/6

Bonnie Best

Extra early, producing fruits of an intense scarlet colour and superb quality, suitable either for canning or for table, or ordinary market purposes.



Bonnie Best

Tomato

Chalks Jewel

Extra early in maturity, a heavy cropper and of bright red or scarlet colour, being much after the style of "Matchless."

Danish Export

An apple-shaped variety of medium size and very productive, the fruits produced in large clusters, splendid for canning.

Large Red Early

A ribbed variety of fair size and giving a heavy yield, bunches of 3 to 6, ripens early.

2/-	6/9	25/-
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1/-	3/-	10/6
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9d	2/6	7/6
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FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.



Spark's Earliana Tomato
(Page 45)



Wood's Improved Beauty Tomato
(Page 45)



Perfection Tomato
(Page 45)

Tomatoes—continued

	Per oz	$\frac{1}{4}$ lb	lb
Livingston's Coreless ... Bright red, almost round and very productive bearing clusters of 4 to 7 fruits 6 in. to 8 in. apart along the stem.	2/6	8/6	30/-
Matchless ... A thoroughly dependable variety suitable for canning and every other purpose, large fruits, solid, free from core and of good shape.	2/6	8/6	30/-
Mikado Scarlet ... Large and smooth, bright scarlet, thick flesh, earlier than "Purple Mikado."	2/-	6/9	25/-
Norduke ... Large, smooth, red fruits in profusion, medium early.	2/6	8/6	30/-
Perfection ... Early, quite smooth, strong skin, solid, fine market variety and excellent for canning.	2/-	6/9	25/-
Ponderosa ... Gives fruit of enormous size.	2/-	6/9	25/-
President Garfield ... The fruits are large and of splendid table quality. The plant is a strong grower and heavy bearer.	1/-	3/-	10/6
Spark's Earliana ... Extra early, gives fruits of good size, solid and of good quality, probably the earliest of all Tomatoes.	2/6	8/6	30/-
Trophy, Smooth ... An improved strain of this old favourite variety.	1/9	6/-	22/6
Wood's Brimmer ... A very large-fruited variety, free from core and very few seeds, very late.	3/-	10/6	40/-
Wood's Improved Beauty ... This is one of the most productive main crop Tomatoes. The strain we are offering is the result of continued selection and it has proved itself a very great favourite in South Africa, especially in the Transvaal. The fruits are always smooth, large and perfect form and quality. They are borne in clusters of 4 to 6. They ripen up well and early and the flesh is very firm and seldom cracks after rain. It is specially suited for transporting to distant markets.	2/-	6/9	25/-

LETTUCE.

(*Lactuca sativa*).

All varieties 4d. and 6d. per pkt		Per oz	$\frac{1}{4}$ lb	lb
All The Year Round ... <i>Cabbage</i> ...		9d	2/6	8/6
A small and quick-maturing variety which can be sown at almost any season. It is one of the most successful varieties.				
California Cream Butter ... <i>Cabbage</i> ...		1/3	3/6	12/6
Of distinct shape, heading up like a Cabbage and almost as solid. The colour is light green and the flavour rich and buttery.				
Chicken Lettuce ... <i>Tall</i> ...		1/3	3/6	12/6
Grows 3 to 4 feet high and covered with leaves that may be pulled like Kale, growth is continued after cutting.				
Curled Neapolitan ... <i>Cabbage</i> ...		1/-	3/-	10/6
A splendid Cabbage Lettuce. It produces a crisp and solid heart and grows to a good size.				

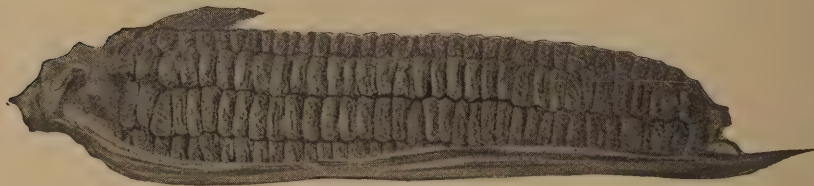
Lettuce—continued

	Per oz	$\frac{1}{4}$ lb	lb
Drumhead or Malta ... <i>Cabbage</i> ...	9d	1/6	5/6
Suitable for warm climates. The head at first resembles a Cos Lettuce but later forms up almost round.			
May King ... <i>Cabbage</i> ...	1/-	3/-	10/6
An early and sure-heading variety of the finest quality.			
Webb's Wonderful ... <i>Cabbage</i> ...	1/-	3/-	10/6
A Cabbage Lettuce of splendid quality. It is large and solid and slow to run to seed.			
White Paris Cos ... <i>Cos</i> ...	9d	2/3	7/6
The head is tall and very thick with a blunt top, colour light green, the most popular variety of this type.			

SPINACH.

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Monstrous Viroflay ...	6d	9d	2/-
A strong-growing variety producing, on good soil, immense tufts of large leaves of excellent quality.			
New Zealand ...	6d	1/-	3/-
Valuable for Summer growing as it stands the hot weather well.			
Prickly or Winter ...	6d	9d	2/-
A Winter variety. Sow with the first Autumn rains in drills 18 in. apart and thin the plants to 12 in. apart in the row.			
Green Cutting Spinach Beet or Swiss Chard ...	6d	9d	2/6
Yellow Cutting Spinach Beet or Swiss Chard ...	6d	9d	2/6
The roots of this Beet are undeveloped, the leaves being used for Spinach. The broad stems also when cooked and served with white sauce are delicious.			

SWEET CORN.*(Zea mays).***Golden Bantam.**

All varieties 4d. and 6d. per pkt.

	Per $\frac{1}{4}$ lb	lb	5 lbs
Country Gentleman ...	6d	1/-	4/-
It is the most popular of all Sugar Corns for the main crop and the home garden. It gives a long ear with deep grain and a thin cob.			
Golden Bantam ...	6d	9d	3/6
Cobs short and compactly filled with large, creamy yellow kernels which become golden yellow as they ripen, delicious flavour.			
Hickory King ...	—	6d	2/-
Strong grower, thin cob well covered, delicious corn if taken at the right stage. This is an excellent table corn, although not a true Sweet Corn.			
Stowell's Evergreen ...	6d	1/-	4/-
Large ears, well filled, late and remains long in the green state.			

SUNDRY SALADS and GARNISHINGS, ETC.

All varieties 4d. and 6d. per pkt.		Per oz.	$\frac{1}{4}$ lb	lb
Artichoke, Large Green or Paris Globe ...	...	1/9	6/-	21/-
Next to the Woodside Purple, we prefer this variety to any other.				
Artichoke, Purple Globe ...	...	2/6	8/6	30/-
This delicious and wholesome vegetable thrives particularly well in South Africa and should be found in every home garden. The fleshy flower bud is the part used and it is gathered before the scales open freely. The buds are boiled in water with a little salt until the inner parts soften. They are served with white sauce.				
Asparagus, Early Giant Argenteuil ...	...	9d	1/6	5/-
An early variety largely grown for the Paris market.				
Celery, Solid White ...	...	1/3	3/9	13/6
An old and favourite variety and deservedly popular.				
Celery, Woodside Soup ...	...	1/-	2/6	8/6
This is the true Soup Celery and preferred by many experienced cooks for flavouring soups and stews.				
Chervil, Curled ...	...	6d	3/-	10/6
The leaves are used for garnishing as well as for flavouring soups, etc. The cultivation is the same as for Parsley.				
Chervil, Plain ...	...	6d	1/6	5/-
The cultivation and uses of this plant are the same as Parsley.				
Chicory, Magdeburgh ...	...	9d	1/6	3/6
A large-rooted variety. The roots may be cooked and eaten like Parsnips or the leaves make an excellent salad when well blanched.				
Corn Salad, Italian ...	...	9d	1/6	4/6
This variety is particularly suited to warm countries as it is somewhat slow to run to seed.				
Cress, Curled ...	...	6d	9d	2/6
Used with White Mustard for growing "Mustard and Cress."				
Cress, Water ...	...	2/6	6/-	21/-
A most wholesome herb. It is easily grown in the garden in a sunken trench in which plenty of well rotted manure has been buried and well mixed with the soil. The trench should be shaded until the plants are well up and must never be allowed to become dry while growth continues.				
Dandelion, Common ...	...	1/3	3/9	12/6
Very early and strong grower, furnishes the salad so popular in France.				
Egg Plant, Long Purple ...	...	1/3	4/-	15/-
Long, smooth, dark purple fruit. Flesh firm and compact with few seeds.				
Egg Plant, New York Spineless ...	...	2/-	6/-	22/6
Produces very large, oval, purple fruits of excellent quality. It is an early variety and one of the most popular.				
Endive, White Moss Curled ...	...	9d	2/6	8/6
Leaves very pale and attractive in appearance.				
Horse Radish (Roots: 9d each; 6/- per doz.)		—	—	—
Used as a condiment, or sauce, with roast beef. It is easily grown, needing the minimum of attention once it is established.				

Sundry Salads, etc.—continued.

	Per oz	$\frac{1}{4}$ lb	lb
Mushroom Spawn (1/- per cake, 9/- per doz.)	—	—	—
Mustard, White ...	6d	9d	1/3
This is the variety used for growing with cress.			
Okra or Gumbo, Long Green ...	2/6	8/-	30/-
The seed should be sown late in the Spring in drills 3 ft. apart where the plants are to remain. Later the plants are thinned to 9 in. or 12 in. apart.			
Parsley, Common or Plain ...	6d	1/3	3/6
Preferred by many for flavouring.			
Parsley, Extra Curled ...	6d	1/3	4/-
A superb strain, well curled and vigorous grower.			
Pepper, Large Bell or Bull Nose ...	1/-	3/9	12/6
Gives large fruits of mild flavour. The plant is early and of compact habit.			
Pepper, Large Sweet Spanish ...	1/3	4/-	15/-
The fruits are large and handsome and of very mild flavour. The plant is hardy but rather late in maturing.			
Pepper, Long Red ...	1/-	3/-	10/6
This well-known variety hardly needs description. It is perhaps more largely grown than all others.			
Sage, Broad Leaf ...	9d	2/3	7/6
The well-known herb.			
Seakale ...	—	—	—
The blanched stalks are eaten boiled like Asparagus. Plants: 3/9 per doz.; 22/6 per 100, posted.			
Sorrel, Large Leaved French ...	1/-	3/-	10/6
A very popular variety.			
Thyme ...	3/-	10/6	40/-
The well-known garden herb.			

KITCHEN GARDEN FRUITS.

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Cape Gooseberry (Plants: 1/3 doz.; 5/3 100, posted)	1/9	6/-	22/6
Sow in early spring and prick out into tins as soon as the plants can be handled. When large enough they are spaced 8 feet apart in the permanent situation.			
Rhubarb, Early Raspberry Red Ribbed ...	2/-	6/9	25/-
Stalks thick, round, dark red, of excellent quality.			
Rhubarb Victoria (Plants 1/- each, 9/- doz.)	1/-	3/-	10/6
Rhubarb can be successfully raised from seed on a well-prepared bed in a sheltered situation. The soil should be rich and moist and when the young plants are large enough to handle they should be transplanted into rows 3 feet apart each way. The plants will require a heavy dressing of well rotted manure each year and this may be supplemented with "Kudu" Garden Fertilizer. Sow the seed from July onwards.			
Rosella ...	2/-	7/6	25/-
The fleshy calyx of the flowers is used for making a delicious jelly, the plant is suited to semi-tropical conditions.			

**SOW STARKE'S TESTED SEEDS — THEY COST YOU LESS, REALLY,
BECAUSE THEY GIVE BETTER RESULTS.**

Flower Seeds.

If cash is sent with the order we pay postage on all Flower Seeds to any address in South Africa.

ANTIRRHINUMS or SNAPDRAGONS.

These magnificent plants provide an almost continuous supply of gorgeous flowers which are highly decorative alike in the garden and as cut blooms for indoor displays. Seed should be sown in early autumn and in spring. Transplant into well-drained sandy loam.



"Harmony."

		Per pkt.	$\frac{1}{2}$ oz.	oz.
Blood Red	... Tall	6d	2/3	7/6
Fine deep colour.				
Bonfire	... Tall	6d	2/3	7/6
Bright cinnabar red, yellow blotch.				
Crimson King	... Tall	6d	3/-	10/6
Deep velvety crimson, very large.				
Delila	... Tall	6d	2/3	7/6
Pink, yellow and white.				
Feltham Beauty	... Tall	6d	5/-	17/6
Deep rose-pink with white centre.				
Firefly	... Tall	6d	2/3	7/6
Crimson and yellow				



DELPHINIUMS.
(See page 53).

Antirrhinums—continued.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Harmony	... Tall	...	6d 3/-	10/6
Rich terra-cotta pink with yellow centre.				
Orange Beauty	... Tall	...	6d 4/-	15/-
Orange-scarlet with gold lip.				
Queen Victoria	... Tall	...	6d 1/6	5/-
Very large white.				
Rose King	... Tall	...	6d 4/6	16/6
Brilliant carmine-rose, deepening towards the centre; strong spike.				
Torchlight	... Tall	...	6d 3/6	12/6
Vivid orange with yellow centre and carmine tint.				
Venus	... Tall	...	6d 2/-	6/6
Delicate pink with white throat.				
Yellow King	... Tall	...	6d 4/-	15/-
Fine rich yellow, large flower.				
"Monarch" Collection	...	...	—	—
Six distinct varieties, our selection for 2/6.				
Majus Grandiflora Mixed Tall		...	4d, 6d 1/-	3/-
Tall varieties in choicest mixture.				

ASTERS.*(Callistephus hortensis).*

For a fine display of flowers in the late summer Asters are unsurpassed; they represent a wide range of colours and type of bloom. Seed should be sown in the early spring or plants may be obtained from our Nursery where we grow annually a fine assortment of the best varieties.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
American Branching	... Double	...	6d 2/-	6/6
In separate colours: Azure Blue, Lavender, Purple, Scarlet, Deep Rose.				
American Branching	... Mixed	...	6d 1/9	6/-
Branching habit, flowers large double and fine form, strong growth, height $2\frac{1}{2}$ to 3 feet.				
California Giants	... Double	...	6d 3/9	13/6
In separate colours: Deep Rose, Light Blue, Light Purple, Dark Purple and White.				
California Giants	... Double Mixed	...	6d 3/6	12/6
Probably the finest strain of Asters in existence to-day, flowers of immense size with long stems, superb colours.				
California Giants	... Single	...	6d 3/9	13/6
In separate colours: Rose, Lilac, Light Blue and White.				
California Giants	... Single Mixed	...	6d 3/6	12/6
A new type developed from the double strain, the flowers are large with long stems, splendid florists' flower.				
Crown or Cockade	... Tall Mixed	...	6d 1/9	6/-
A fine strain, various colours with white centres.				
Paeony-Flowered	Choice Mixed	...	4d, 6d 1/3	3/6
An excellent tall growing strain.				

Good Seed is Cheap at a Good Price.

Cheap Seed is often dear at any price.

FOR BEST RESULTS SOW STARKE'S TESTED SEEDS.



LARKSPUR
Double Branching, Stock-Flowered

(See page 55).

CARNATIONS.

(Dianthus caryophyllus).

For cut flower nothing surpasses the Carnation. The cultivation of American Tree Carnations and Carnations of other types has assumed immense proportions with no indication of any falling off in the popularity of this charming flower. We give below a list of varieties of which seed can be supplied and will send on application a descriptive list of the best and latest in Tree Carnations of which we grow the choicest named kinds.

		Per pkt.	¼ oz.	oz.
American Perpetual Tree...	...	1/6	—	—
An excellent strain, sometimes varieties of great merit are raised from it. Seeds: 1/6 per doz.; 7/6 per 100.				
Border Mixed	... <i>Selected</i>	6d	4/-	15/-
Choice seedlings from double flowers.				
Chabaud	... <i>Perpetual Flowering</i>	6d	6/9	25/-
"Fire Queen"—Cardinal-red.				
"Rose Queen"—Pink.				
"White Queen"—Snow white.				
Separately or mixed.				
Chabaud Extra Choice	... <i>Perpetual Flowering</i>	6d	6/-	22/6
A very fine strain of this superb carnation.				
Margaret	... <i>Choice Mixed</i>	4d, 6d	2/6	8/6
Extra early-flowering, fine colours.				
Margaret	... <i>New Giant Flowered</i>	6d	6/-	22/6
(Malmaison strain). Choice mixture, much improved for size of flowers.				
Margaret	... <i>New Giant Flowered</i>	6d	8/-	30/-
"Yellow." Very pure colour.				
Starke's Perpetual Giant...	...	1/-	—	—
A remarkably fine strain in separate colours, crimson, red, rose, yellow and white. Seeds: 1/- doz.; 4/- 100; 30/- 1000.				

DELPHINIUMS.

These beautiful plants provide numerous shades of blue, a colour which is all too scarce among flowers, and their great popularity is richly deserved. In them the results of careful selection and hybridisation are remarkably apparent. The striking columnar spikes of bloom are freely produced and the foliage is shapely and of pleasing character. We offer seed of the best strains.

Culture.—Delphiniums delight in rich, well manured soil and in dry weather they should be freely watered. Liquid manure may be applied in the growing season.

		Per pkt.	¼ oz.	oz.
Belladonna	...	1/-	8/-	30/-
A very fine type of freely branching habit.				
Blackmore and Langdon's Prize Strain	...	1/-	11/6	40/-
Considered one of the finest strains in existence at the present time.				
Blue Butterfly	... <i>Dwarf</i>	6d	2/6	8/6
A charming dwarf variety of deep blue colour, usually treated as an annual.				
Excelsior Hybrids	... <i>Mixed</i>	6d	2/6	9/-
A remarkably fine strain, gives some very beautiful shades of colour				
Formosum	... <i>Mixed</i>	1/-	6/9	25/-
Brilliant blue with black petals, various shades.				
"Hollyhock" Strain	... <i>Mixed</i>	1/-	12/6	45/-
A new and distinctive race with spire-like spikes in a fine range of rich and varied tints, a great improvement on the older kinds.				
Nudicaule	... <i>Dwarf Scarlet</i>	6d	6/9	25/-
This resembles "Blue Butterfly" in type.				



PETUNIA
Single Fringed, Giants of California
(See page 55)

LARKSPURS. (Annual Delphiniums).

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Double Branching	... <i>Stock-Flowered</i>	...	6d 1/-	3/-
Finest mixed colours.				
La France	... <i>Stock-Flowered</i>	...	6d 4/-	12/6
A delightful shade of salmon-pink; very floriferous, the large well-formed, double flowers being well placed on the long stems.				
Los Angeles	... <i>Stock-Flowered</i>	...	6d 3/6	10/6
Rich salmon ground overlaid with a brilliant and pleasing rose; large, double flowers on a tall, heavily branched stem.				
Rosy Scarlet	... <i>Stock-Flowered</i>	...	6d 1/6	5/-
Tall, handsome variety, lovely colour.				
Tall Branching Blue	...	...	6d 1/-	3/-
Splendid type and fine colour.				
Tall Branching Mixed	...	...	4d, 6d 9d	2/6
A nice range of colour.				
Tall Rocket	... <i>Hyacinth-Flowered</i>	...	6d 1/-	3/-
Giant mixed, very choice.				

PANSIES. (*Viola tricolor*).

A favourite bedding plant in every garden. Some remarkably fine strains are included in the list below.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Large-Flowering	... <i>Mixed</i>	...	4d, 6d 3/-	10/6
Splendid quality and fine assortment of colour.				
Mammoth Exhibition	... <i>Mixed</i>	...	6d 6/-	22/6
A very excellent strain.				
Masterpiece	... <i>Mixed</i>	...	6d 6/-	20/-
Beautifully blotched and curled.				
Parisian Large Stained	... <i>Mixed</i>	...	6d 3/6	12/6
A very fine strain of "Trimardeau," very large flowers.				
Trimardeau Giant	... <i>Mixed</i>	...	6d 3/6	12/6
A choice strain, flowers of great size and beauty.				
Variegated Striped	... <i>Mixed</i>	...	6d 4/-	15/-
This strain includes some very fine colours.				

PETUNIAS.

		Per pkt.	$\frac{1}{16}$ oz.	$\frac{1}{4}$ oz.
Balcony Rose	... <i>Petunia pendula</i>	...	1/- 12/-	45/-
Branches freely from the base.				
California Giants	... <i>Single Fringed</i>	...	1/- 17/6	60/-
Gigantic flowers in splendid variety, embracing every shade of crimson, pink, lavender, yellow and even black and a pure white; beautifully fringed.				
Carnation Flowered	... <i>Double Fringed</i>	...	1/-	—
Of great size, fringed flowers like orchids of rare colours.				
Pink Triumph	... <i>Fringed</i>	...	1/- 17/6	60/-
Bright pink; robust growth; the best fringed Petunia of this colour.				
Rosy Morn	...	...	4d, 6d 1/-	2/6
Excellent bedding variety. Per oz 8/6.				
Violacea	... <i>Grandiflora Type</i>	...	1/- 25/-	—
Deep violet-purple, enormous flower.				
Splendid Mixed	...	...	4d 6d	1/6
Saved from choice varieties. Per oz 5/.				

STATICE.



Statice Sinuata.

			Per pkt.	$\frac{1}{4}$ oz.	oz.
Latifolia	... <i>Perennial</i>	...	6d	4/-	15/-
A delightful species with deep lavender-blue flowers; light and effective.					
Macrophylla	... <i>Perennial</i>	...	6d	3/9	13/6
Light blue flowers in large clusters; very fine.					
Sinensis	... <i>Annual</i>	...	6d	1/-	3/6
A very graceful plant; height 16 to 20 inches; flowers pure white with canary yellow; very beautiful. 4 ozs for 12/6.					
Sinuata	... <i>Annual</i>	...	4d	6d	1/-
White, blue, yellow and rose, separately or mixed. Very popular cut-flower. 4 ozs for 3/6; per lb 10/6.					
Sinuata rosea superba	... <i>Annual</i>	...	6d	9d	2/-
Bright rose. 4 ozs for 6/-; per lb 20/-.					
Sinuata "True Blue"	... <i>Annual</i>	...	6d	9d	2/6
Rich navy blue. 4 ozs for 7/6; per lb 25/-.					

**SOW STARKE'S TESTED SEEDS—THEY COST YOU LESS, REALLY,
BECAUSE THEY GIVE BETTER RESULTS.**

STOCKS. (*Matthiola*).

Culture.—Stocks delight in a rich sandy loam and will not tolerate ill-drained soil. Sow early to provide strong plants for setting out in the early autumn.

			Per pkt.	$\frac{1}{4}$ oz.	oz.
Abundance	... Tall Ten-Week	...	6d	3/6	12/6
Carmine-rose, very large.					
All-the-Year-Round	... Pure White	...	1/-	27/6	—
Wallflower-leaved, one of the finest white stocks for cutting, free and continuous bloomer, dwarf and vigorous grower.					
Almond Blossom	... Tall Ten-Week	...	6d	3/6	12/6
White, shaded carmine.					
Beauty of Nice	... Tall Ten-Week	...	6d	3/6	12/6
Flesh-pink, early-flowering					
Cote D'Azur	... Tall Ten-Week	...	6d	3/6	12/6
Blue of Capri.					
Empress Elizabeth	... Tall Ten-Week	...	6d	3/6	12/6
Beautiful bright rose.					
L'Etincelante	... Tall Ten-Week	...	6d	3/6	12/6
Dazzling scarlet, a superb variety.					
Mont Blanc	... Tall Ten-Week	...	6d	3/6	12/6
Improved white.					
Queen Alexandra	... Tall Ten-Week	...	6d	3/6	12/6
Pretty rosy lilac.					
Rose of Nice	... Tall Ten-Week	...	6d	3/6	12/6
Mauve, very early.					
Souvenir of Monaco	... Tall Ten-Week	...	6d	3/6	12/6
Brilliant crimson, very early.					
Violet of Nice	... Tall Ten-Week	...	6d	3/6	12/6
A fine rich colour, dark violet.					
Violet of Parma	... Tall Ten-Week	...	6d	3/6	12/6
Strong grower and very free-flowering, light violet.					
White Lady	... Tall Ten-Week	...	6d	3/6	12/6
A superb white, good grower.					
"Monarch" Collection	... Ten-Week	...	—	—	—
Six separate colours, our choice, for 2/6.					
German Double Mixed	... Ten-Week	...	6d	4/-	15/-
A choice strain which gives a very high percentage of double flowers.					
"Nice" Stocks Mixed	... Tall Ten-Week	...	4d,	6d	3/6 12/6
A very fine mixture including the best colours of this popular type.					

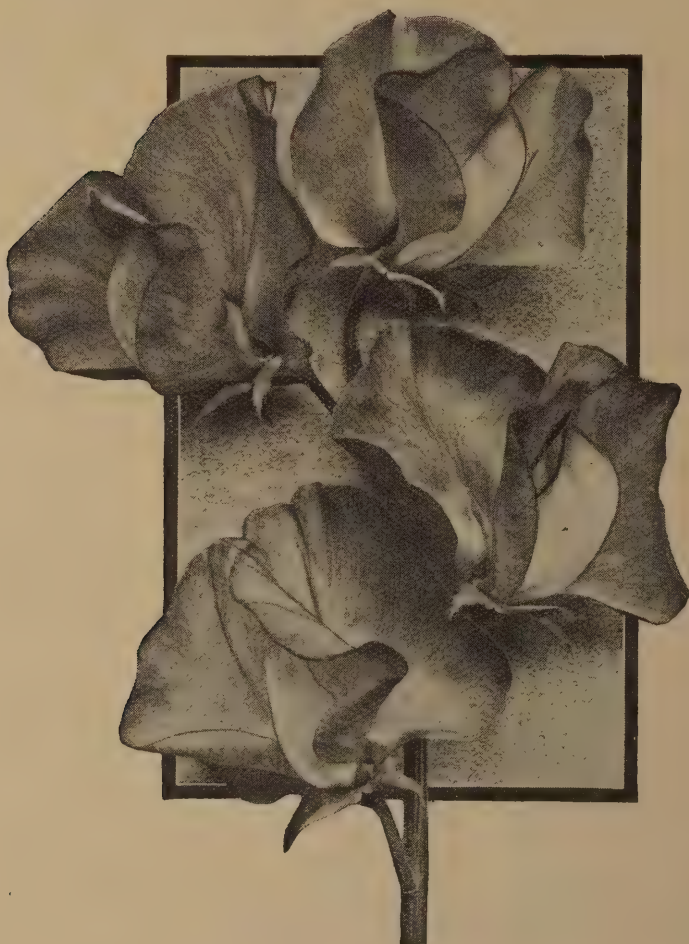
SWEET PEAS (*Lathyrus odoratus*).

Probably the most popular of all for cut flower and certainly never so popular as they are to-day. With the introduction of the new Early-Flowering or "Winter" Sweet Peas it is possible to have these in bloom for many months. The Early-Flowering varieties have been much improved in recent years and now compare favourably with the best of the show varieties. We print here a most complete list of both types providing every conceivable shade of colour:—

			Per pkt.	$\frac{1}{4}$ oz.	oz.
WINTER FLOWERING VARIETIES.					
Aviator	... Winter-Flowering	...	6d	1/-	3/-
Dazzling crimson-scarlet.					
Blue Bird	... Winter-Flowering	...	6d	1/-	3/-
A charming shade of blue, exquisitely waved.					
Blue Jacket	... Winter-Flowering	...	6d	1/-	3/-
Rich dark navy blue.					
Burpee's Lavender	... Winter-Flowering	...	9d	2/3	7/6
A lovely light Wisteria lavender; strong grower.					

Sweet Peas—continued

			Per pkt.	$\frac{1}{4}$ oz.	oz.
Burpee's Orange	... <i>Winter-Flowering</i>	...	6d	1/9	6/-
Clear orange.					
Canary Bird	... <i>Winter-Flowering</i>	...	6d	1/-	3/-
Rich cream.					
Charm	... <i>Winter-Flowering</i>	...	6d	1/3	4/-
Glowing rich rose pink, large well-formed blooms, vigorous grower.					
Early King	... <i>Winter-Flowering</i>	...	6d	1/-	3/-
A glowing bright crimson of great size and perfect form.					
Eldorado	... <i>Winter-Flowering</i>	...	6d	1/3	4/-
Orange.					
Enchantress	... <i>Winter-Flowering</i>	...	6d	1/-	3/-
Deep rose-pink with lighter edges, a very strong grower and very profuse flowerer.					
Fire King	... <i>Winter-Flowering</i>	...	6d	1/-	3/-
A magnificent fiery red or scarlet cerise.					
Flamingo	... <i>Winter-Flowering</i>	...	6d	1/-	3/-
Orange-salmon					
Gleam	... <i>Winter-Flowering</i>	...	6d	1/3	4/-
Bright geranium pink, large flower, well waved, good stems, a refined bloom.					
Glitters	... <i>Winter-Flowering</i>	...	6d	1/-	3/-
Bright orange-scarlet.					



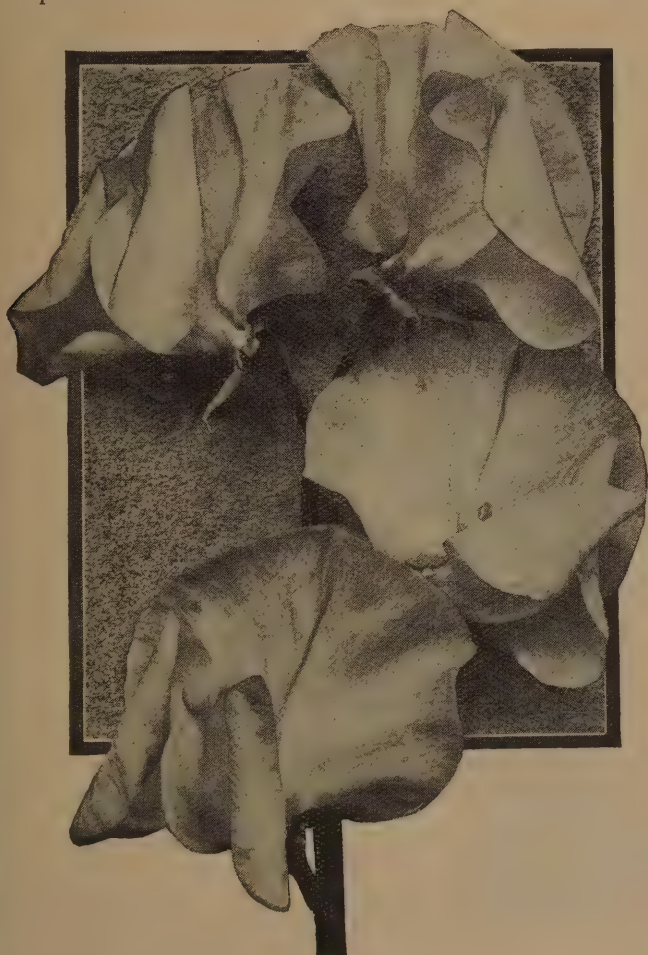
CHARM.

Glowing rich rose-pink blooms.

(see above)

Sweet Peas—continued

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Harlequin	... <i>Winter-Flowering</i>	6d	1/-	3/-
Light heliotrope ground, striped and flaked deep chocolate and claret. Vigorous grower.				
Lavender King	... <i>Winter-Flowering</i>	6d	1/-	3/-
This vigorous variety is a rich and true deep lavender, large flowers beautifully waved.				
Maroon Prince	... <i>Winter-Flowering</i>	6d	1/-	3/-
Rich reddish maroon.				
Mauve Beauty	... <i>Winter-Flowering</i>	6d	1/-	3/-
A very pleasing shade of rosy-mauve, well rounded flowers of immense size.				
Miss Louise Gude	... <i>Winter-Flowering</i>	6d	1/-	3/-
The colour of this lovely variety is shell-pink throughout.				
Miss Spokane	... <i>Winter-Flowering</i>	6d	1/-	3/-
Bright peach-red with wings shaded scarlet.				
Mrs. Kerr	... <i>Winter-Flowering</i>	6d	1/-	3/-
Large well waved salmon coloured blooms on long stems.				
Peach Blossom	... <i>Winter-Flowering</i>	6d	1/-	3/-
Amaranth-pink which deepens towards the edges.				
Princess	... <i>Winter-Flowering</i>	6d	1/-	3/-
Soft Lavender.				
Rosebud	... <i>Winter-Flowering</i>	6d	1/-	3/-
Bright shining rose with delicate suffusion, large flowers freely produced.				



GLEAM.

Bright
Geranium
pink.

(See page 58).

Sweet Peas—continued

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Snowstorm Improved ... <i>Winter-Flowering</i>	A large waved perfect white of excellent texture.	6d	1/-	3/-
Spring Song ... <i>Winter-Flowering</i>	An excellent cream-pink with elegantly waved and frilled blooms	6d	1/3	4/-
Superior Pink ... <i>Winter-Flowering</i>	A pleasing shade of glowing pink with a faint salmon suffusion, large blooms beautifully waved.	6d	1/-	3/-
True Blue ... <i>Winter-Flowering</i>	A pretty shade of blue very much in demand. Large bloom.	6d	1/-	3/-
Vulcan ... <i>Winter-Flowering</i>	Dazzling scarlet-cerise.	6d	1/-	3/-
Yarrowa ... <i>Winter-Flowering</i>	Bright rose-pink, wings a lighter shade.	6d	1/-	3/-
"Monarch" Collection ... <i>Winter-Flowering</i>	Six distinct varieties, our selection, for 2/6.	—	—	—
"Superb" Collection ... <i>Winter-Flowering</i>	Twelve distinct varieties, our selection, for 5/-.	—	—	—
Winter Super Mixture ...	This is not a nondescript mixture but a superior collection of named varieties grown together to reduce the cost of production and is sold with confidence as being an assortment of choicest varieties that will please the most discriminating grower.	4d, 6d	9d	1/6

Per lb 20/-.

**SNOWSTORM
IMPROVED.**Beautiful
waved white.

(See above).

Sweet Peas—continued.

SUMMER-FLOWERING VARIETIES.

			Per pkt.	$\frac{1}{4}$ oz.	oz.
America Spencer	... Summer-Flowering	...	6d	9d	1/6
Bright scarlet, flaked.					
Black Bess	... Summer-Flowering	...	6d	9d	1/6
Violet-black.					
Challenger	... Summer-Flowering	...	6d	1/-	3/-
Deep intense and glowing rose, broad cream or ivory margin to standard and wings, flowers of great size and wonderful texture.					
Charity	... Summer-Flowering	...	6d	9d	1/6
Glossy glowing crimson, a good exhibition pea, always four on a stem if disbudded.					
Charming	... Summer-Flowering	...	6d	9d	1/6
Fine rosy cerise.					
Colorado	... Summer-Flowering	...	6d	9d	1/6
Dazzling orange-scarlet, flowers extra large and beautifully formed.					
Fiery Cross	... Summer-Flowering	...	6d	9d	1/6
A glowing orange-cerise and sun-proof.					
Fortune	... Summer-Flowering	...	6d	9d	1/6
Deep indigo blue with violet wings having a very fine glossy sheen.					
George Shawyer	... Summer-Flowering	...	6d	9d	1/6
Brilliant orange-salmon.					
Gold Crest	... Summer-Flowering	...	6d	9d	1/6
Rich orange shaded salmon.					
Grenadier	... Summer-Flowering	...	6d	9d	1/6
Geranium red, exceptionally large and yet refined, the strongest sunshine does not bleach.					
Guinea Gold	... Summer-Flowering	...	6d	9d	1/6
Deep golden orange.					
Hawlmarm Maroon	... Summer-Flowering	...	6d	9d	1/6
Rich red maroon.					
Hawlmarm Salmon Pink	... Summer-Flowering	...	6d	9d	1/6
Bright rose-pink with rich salmon shading.					
Hebe	... Summer-Flowering	...	6d	9d	1/6
Rose-pink.					
Huntsman	... Summer-Flowering	...	6d	9d	1/6
A bright shade of scarlet, quite sun-proof.					
Ivory Picture	... Summer-Flowering	...	6d	9d	1/6
Rich cream or old ivory.					
Magnet	... Summer-Flowering	...	6d	9d	1/6
Bright cream-pink, unusually large and well waved.					
Mammoth	... Summer-Flowering	...	6d	9d	1/6
Orange-scarlet, blended with a soft scarlet and gold at the outer edge of the standard.					
Mary Pickford	... Summer-Flowering	...	6d	9d	1/6
Dainty cream-pink, suffused salmon, very large.					
Mermaid	... Summer-Flowering	...	6d	9d	1/6
A fine rich, light blue variety with well shaped blooms.					
Miss California	... Summer-Flowering	...	6d	9d	1/6
Warm salmon-pink, extra large flowers.					

SOW STARKE'S TESTED SEEDS—THEY COST YOU LESS, REALLY,
BECAUSE THEY GIVE BETTER RESULTS.

Sweet Peas—continued

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Model	... <i>Summer-Flowering</i>	...	6d 9d	1/6
Large white flowers, well frilled.				
Mrs. A. Searles	... <i>Summer-Flowering</i>	...	6d 9d	1/6
Rich pink merging into a soft orient red, a very remarkable and glorious colour.				
Mrs. C. P. Tomlin	... <i>Summer-Flowering</i>	...	6d 9d	1/6
Bright scarlet with a touch of fiery red.				
Powerscourt	... <i>Summer-Flowering</i>	...	6d 9d	1/6
Very large-flowered lavender.				
Royal Purple	... <i>Summer-Flowering</i>	...	6d 9d	1/6
Fine royal purple, very distinct and of great size, gives plenty of fours; an exhibition variety of first quality.				
Ruffled Beauty	... <i>Summer-Flowering</i>	...	6d 1/6	5/-
Clear lilac-pink over amber ground. This is a new type and greatly favoured by gardeners as an improvement over the older frilled varieties.				
Wembley	... <i>Summer-Flowering</i>	...	6d 9d	1/6
Lavender and plumbago blue with a silvery sheen overlaying the deeper tone.				
What Joy	... <i>Summer-Flowering</i>	...	6d 9d	1/6
Rich cream, fine flower.				
"Monarch" Collection	... <i>Summer-Flowering</i>	...	—	—
Six distinct varieties, our selection, for 2/6.				
"Superb" Collection	... <i>Summer-Flowering</i>	...	—	—
Twelve distinct varieties, our selection, for 5/-.				
Rainbow Mixture	... <i>Summer-Flowering</i>	...	4d 6d	1/3
A choice assortment including the latest waved-standard varieties.				



**RUFFLED
BEAUTY.**

(See above).

ZINNIAS

		Per pkt.	$\frac{1}{4}$ oz.	oz.
California Giants ... <i>Orange Queen</i>		6d	2/6	8/6
Golden yellow.				
California Giants ... <i>Rose Queen</i>		6d	2/6	8/6
Striking bright rose.				
California Giants ... <i>Scarlet Gem</i>		6d	2/6	8/6
Glowing scarlet.				
California Giants ... <i>Mixed</i>		4d, 6d	2/-	7/6
These have looser petals than the older types and a very pleasing appearance, very large, fine colours.				
Dahlia Flowered ... <i>Crimson Monarch</i>		6d	3/-	10/6
Largest and best of the red shades.				
Dahlia Flowered ... <i>Exquisite</i>		6d	3/-	10/6
Light rose with deep rose centre; the most pleasing of our collection.				
Dahlia Flowered ... <i>Golden State</i>		6d	3/-	10/6
A very rich orange-yellow.				
Dahlia Flowered ... <i>Scarlet Flame</i>		6d	3/-	10/6
Beautiful bright scarlet with a delightful blending of orange throughout the petal, very large.				
Dahlia Flowered ... <i>Mixed</i>		4d, 6d	2/-	6/6
Equally good as a garden flower and as a florist's speciality, large size, fine colours, keeps well when cut.				
Giant Robusta ... <i>Double</i>		6d	2/-	6/6
In separate colours: Canary Yellow, Crimson and Scarlet.				
Plenissima Robusta ... <i>Mixed</i>		4d, 6d	1/6	4/6
The best of the older strains, bright colours, immense blooms.				

General List of Flower Seeds

If Cash is sent with the Order we pay postage on all Flower Seeds to any address in South Africa.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Agapanthus umbellatus ... <i>Dwarf</i>		6d	6/-	20/-
The Table Mountain variety; intense dark blue; very beautiful.				
Althaea rosea ... <i>See Hollyhock</i>		—	—	—
Alyssum ... <i>Lilac Queen</i>		6d	2/-	6/6
Pretty lilac flowers.				
Alyssum maritimum ... <i>White Sweet Alyssum</i>		4d, 6d	9d	2/-
Dwarf, compact, sweet scented and free flowering annual of which successive sowings may be made during spring and early summer.				
Anemone coronaria ... <i>Double Chrysanthemum-Flowered</i>		6d	2/3	7/6
Large flowers and very showy.				
Anemone coronaria ... <i>St. Brigid</i>		6d	5/6	20/-
Mostly semi-double and very free-flowering, splendid mixture.				
Anemone coronaria ... <i>Single French</i>		4d, 6d	1/6	4/-
Giant flowered single. Our strain includes a fine range of colour and form.				
Antirrhinum majus ... <i>Tall Snapdragons (Mixed)</i>		4d, 6d	1/-	3/-
Highly decorative, producing an almost continuous supply of flowers in innumerable colours. For named sorts see special list.				
Aquilegia hybrida ... <i>Mrs. Scott Elliott's Strain</i>		1/-	8/-	30/-
A strain of long-spurred hybrids comprising the most beautiful colours.				



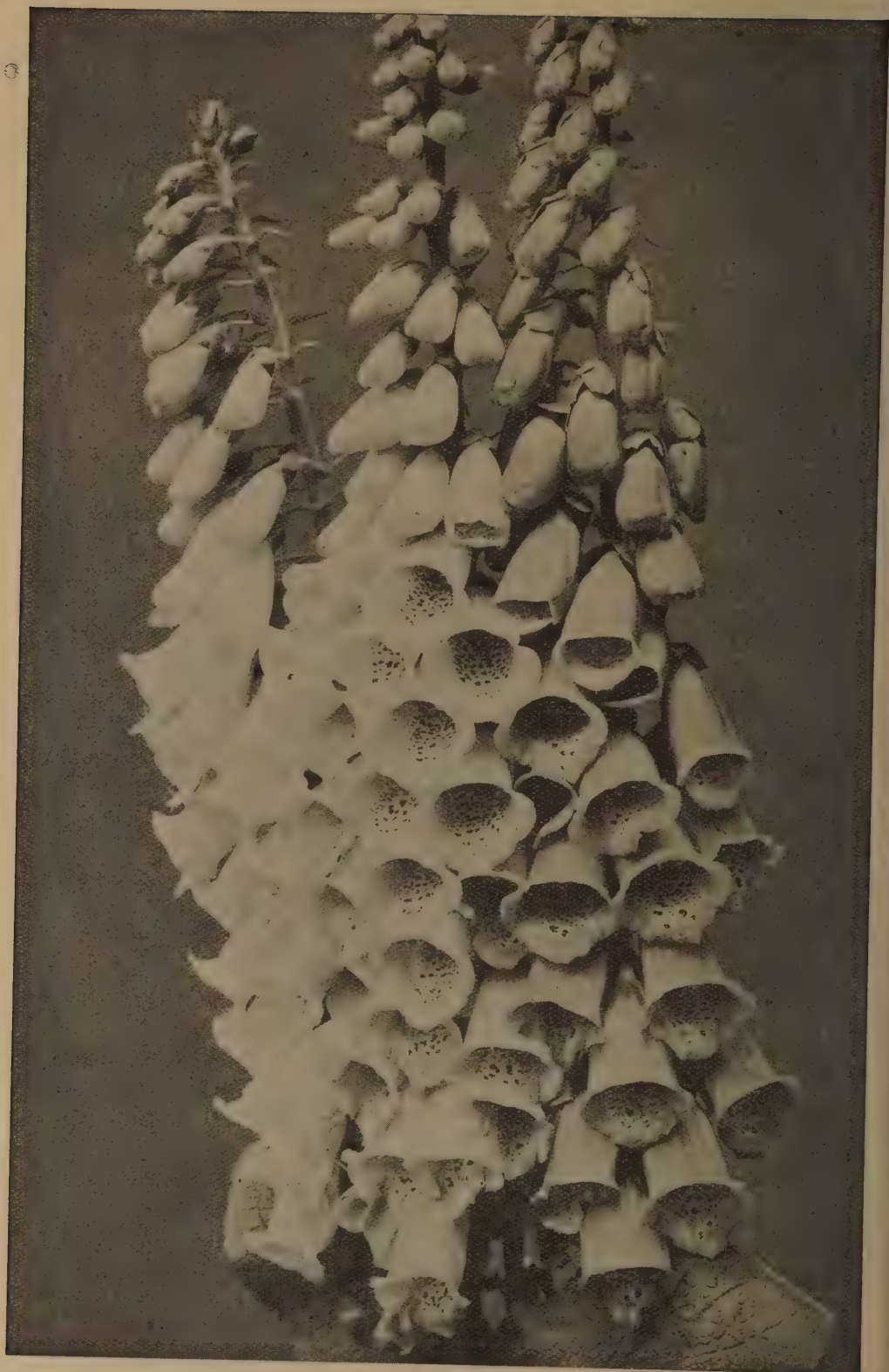
SINGLE CANTERBURY BELLS

(See page 67)

General List—continued.		Per pkt.	¼ oz.	oz.
Aquilegia hybrida	... <i>Choice Mixed Columbines</i>	4d, 6d	1/6	5/-
Excellent as cut flower for decorative effect, especially under artificial light.				
Arctotis acaulis	...	6d	1/6	5/-
Herbaceous perennials; beautiful large daisy-flowers of brilliant colouring; yellow and red.				
Arctotis speciosa	... <i>Perennial</i>	6d	1/6	5/-
Orange; dark reverse.				
Arctotis	... <i>Mixed</i>	4d, 6d	1/6	5/-
Splendid South African Daisies in numerous beautiful colours				
Aristea capitata	... <i>Perennial</i>	6d	2/6	8/6
Magnificent spikes of deep blue flowers four to five feet in height.				
Armeria rosea	... <i>Thrift</i>	6d	3/9	13/6
A charming dwarf herbaceous perennial with pink flowers which last well like Statice.				
Asparagus plumosus nanus	...	6d	2/3	7/6
A charming pot plant, also useful for hanging baskets. The fern-like leaves are much used by florists.				
Asparagus Sprengeri	...	6d	2/3	7/6
A fern-like plant, useful for steep culture and hanging baskets.				
Asters (Callistephus)	... <i>Choice Mixed</i>	4d, 6d	1/9	6/-
Delightful summer growing plants having a wide range of colour and type of bloom. See special list for choice named sorts.				
Aubrietia Graeca	...	6d	4/-	15/-
Purple perennial, excellent for spring bedding or the rockery, very dwarf habit.				
Babiana	... <i>Mixed</i>	6d	1/6	5/-
Early flowering crocus-like bulbs in many colours, easily grown from seed.				
Balsam	... <i>Camellia-Flowered, Mixed</i>	4d, 6d	1/6	5/-
Rapid grower, hardy annual; flowers of exquisite form and colour are borne in the axils of the leaves.				
Baptisia Australis	...	6d	4/-	15/-
A beautiful plant for the herbaceous border, allied to Podalyria, closely resembling Lupinus, colour soft blue.				
Barborton Daisy	... <i>Gerbera Jamesoni</i>	—	—	—
The well-known scarlet Transvaal species. Per dozen seeds 6d; 100 2/6; 1000 20/-.				
Barborton Daisy Hybrids	...	—	—	—
Beautiful long-stemmed daisies in a fine range of colour from cream through all the shades of red, finest of cut flowers. Seeds 6d a doz.; 2/6 per 100; 20/- per 1000.				
Begonia, Tuberous	... <i>Double Mixed</i>	1/6	—	—
Magnificent colours, saved from a Prize Double Strain. Growers must not expect all doubles as there are always many singles among the very best seedlings.				
Bellis perennis	... <i>Grandiflora alba</i>	6d	6/-	21/-
Very fine large flowers, white.				
Bellis perennis	... <i>Monstrosa rosea</i>	6d	5/6	20/-
Strong robust habit and extra large flowers, pink.				
Bellis perennis	... <i>Double Daisy Mixed</i>	6d	3/-	10/6
These beautiful English Daisies are admirable for bed-edging. Free flowering, dwarf habit.				
Celeolaria	... <i>Mixed Hybrids</i>	1/-	—	—
Herbaceous greenhouse plants of great beauty.				

Good Seed is Cheap at a Good Price.
Cheap Seed is often dear at any price.

FOR BEST RESULTS SOW STARKE'S TESTED SEEDS.



FOXGLOVES (See page 69)



CALENDULA
"RADIO"

General List—continued.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Calendula, "Radio"	... <i>Marigold</i>	...	6d 2/-	6/6
A charming novelty; orange with quilled petals.				
Calendula, "Campfire"	... <i>Marigold</i>	...	6d 2/3	7/6
Large flat blooms on stout stems; one of the finest varieties in existence to-day.				
Calendula, Mixed	... <i>Marigold</i>	...	4d, 6d	9d 2/-
Bright golden yellow and orange flowers freely produced, sow in early autumn, flowering continues for a lengthy period.				
Calliopsis	... <i>See Coreopsis</i>	...	—	—
Campanula calycanthemata	... <i>Cup and Saucer</i>	...	—	—
	<i>Canterbury Bells</i>	...	6d 3/6	12/6
The calyx is very large and as showy as many types of Clematis. The plants are of good pyramidal habit.				
Campanula Double Mixed	... <i>Canterbury Bells</i>	...	4d, 6d	1/6 4/6
A fine double and semi-double flowering strain of these beautiful plants.				
Campanula Single Mixed	... <i>Canterbury Bells</i>	...	4d, 6d	9d 2/-
These beautiful biennials produce a wealth of bloom during the spring and early summer from seed sown the previous season.				
Candytuft	... <i>Giant Hyacinth-Flowered</i>	...	6d	1/- 3/6
A selected strain producing immense spikes of pure white bloom.				
Candytuft	... <i>Sweet Scented</i>	...	4d	6d 1/-
White, very popular strain.				
Candytuft	... <i>White Rocket</i>	...	6d	9d 2/6
A large-flowering kind, long trusses of white bloom.				
Candytuft	... <i>Mixed</i>	...	4d, 6d	9d 2/-
A fine selection of colour.				
Cannas	... <i>Very Choice Mixed</i>	...	4d	6d 9d
Saved from magnificent named varieties. Per 4 ozs. 2/-.				
Carnation	... <i>See special list</i>	...	—	—
Celosia cristata	... <i>True Cockscomb</i>	...	6d	3/6 12/6
A useful ornamental annual for planting in beds or clumps.				
Celosia Thompsoni	<i>Thompson's Feathered</i>	...	—	—
	<i>magnifica</i>	...	4d, 6d	1/6 5/-
An improved strain of feathered cockscomb, splendid range of colours.				

General List—continued.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Centaurea cyanus minor	... See <i>Cornflower</i>	...	—	—
Centaurea imperialis	... See <i>Sweet Sultan</i>	...	—	—
Ceratotheca triloba	...	6d	1/-	3/-
Tall biennial; rosy mauve; Summer flowering; resembles Foxglove.				
Charieis heterophylla	...	6d	4/-	15/-
Small blue annual daisy, resembling Felicia; useful for bedding.				
Cheiranthus	... See <i>Wallflower</i>	...	—	—
Chrysanthemum carinatum	"Tricolor"	... 4d, 6d	9d	2/-
White and yellow; annual.				
Chrysanthemum inodorum	"Snowball"	...	6d	5/6 20/-
Fine double white, splendid for cut-flower.				
Chrysanthemum leucanthemum	<i>Ox-eye Daisy</i>	... 4d, 6d	1/-	3/-
Very fine large white daisy with long stems.				
Chrysanthemum maximum	See <i>Shasta Daisy</i>	...	—	—
Cineraria	... Dwarf Large Flowered	...	1/-	45/-
Extra fine mixed. Very showy annuals for pot culture for indoor decoration.				
Cineraria	... Prize Exhibition	...	1/-	45/-
A remarkably fine strain, brilliant colours.				
Clarkia elegans	... Mixed	... 4d, 6d	1/-	3/-
A beautiful mixture of the finest shades.				
Clarkia elegans rosea	... Pink Clarkia	... 4d, 6d	1/-	3/-
Tall-growing hardy annuals for the middle lines of borders.				
Cobaea scandens	... Purple	... 4d, 6d	1/6	5/-
A fine climber, half-hardy, evergreen, rapid grower.				
Coleus	... Splendid Mixed	...	6d	—
Charming pot plants, grown for their superb foliage.				
Convolvulus major	... Tall	...	4d	6d 9d
In choicest mixture.				
Coreopsis tinctoria	... Bicolor	...	4d	6d 1/6
Yellow and black, very showy, splendid for cut flower, makes bright display of colour in the garden.				
Cornflower	... Emperor William	...	4d	6d 1/6
Deep blue flowers, excellent for cut bloom.				
Cornflower	... Mixed	...	4d	6d 1/6
Hardy annual plants, rapid growing and free flowering.				
Cosmos	... "Crimson Queen"	...	6d	3/9 13/6
A new type, gives a large percentage of double flowers.				
Cosmos	... "Pink Beauty"	...	6d	3/6 12/6
Gives a good percentage of double flowers.				
Cosmos	... "White Queen"	...	6d	3/9 13/6
A fine double-flowering variety, gives very few singles.				
Cosmos	... "Mammoth Mixed"	...	4d	6d 1/6
A large-flowering strain with a fine range of colour.				
Cyclamen Persicum	... Extra Choice	...	1/-	22/6
Beautiful bulbous plants for pot culture and easily raised from seed, lovely flowers of vivid colouring. Seeds: 1/- for 25.				
Dahlia, Choice Mixed	... Double	...	6d	3/6 12/6
Some very fine varieties are frequently raised from this seed, although the surest way is to buy tubers of named sorts.				
Delphiniums	... See special list	...	—	—
See also <i>Larkspurs</i>				

SOW STARKE'S TESTED SEEDS—THEY COST YOU LESS, REALLY,
BECAUSE THEY GIVE BETTER RESULTS.

General List—continued.

		Per pkt.	½ oz.	oz.
Dianthus Allwoodii ...	...	1/6	—	—
A new hybrid between the Carnation and Pink, extremely floriferous, varied colours. Seeds 1/6 per doz.; 10/6 per 100.				
Dianthus barbatus ...	<i>See Sweet William</i> ...	—	—	—
Dianthus caryophyllus ...	<i>Carnation</i> ...	—	—	—
See special list.				
Dianthus Chinensis ...	<i>Indian Pinks</i> ...	4d, 6d	1/-	3/-
One of the prettiest of the Eastern annuals, fine mixed colours giving a grand border effect.				
Dianthus Heddewigii ...	<i>Japanese Pinks</i> ...	4d, 6d	2/-	6/6
Double mixed, an extra fine strain.				
Didiscus coeruleus ...	<i>Lace Plant</i> ...	6d	3/9	13/6
A pretty blue annual.				
Dierama pendulum ...	...	6d	3/-	10/6
Soft rosy white funnel-shaped flowers drooping gracefully from threadlike stalks carried on a tall stem; a charming bulbous plant.				
Digitalis ...	<i>See Foxglove</i> ...	—	—	—
Dimorphotheca aurantiaca ...	...	4d, 6d	2/-	6/6
Charming South African Daisies for bedding, colours variable, cream and yellow.				
Dimorphotheca pluvialis ...	...	6d	1/6	5/-
Annual white daisy-like flower; very early.				
Eschscholtzia Californica ...	...	4d, 6d	1/-	3/-
A choice mixture, bright showy and free-flowering annuals.				
Felicia aethiopica ...	...	6d	2/6	8/6
A very pretty dwarf-growing plant, masses of blue aster-like flowers.				
Felicia Bergianus ...	...	6d	4/-	15/-
Brilliant annual; blue ray and yellow disc.				
Felicia echinata ...	<i>Var. Paralias</i> ...	1/-	11/-	40/-
A pretty blue-flowered dwarf evergreen shrubby plant.				
Felicia rotundifolia ...	...	6d	6/-	21/-
Blue aubrietia-like perennial.				
Forget-Me-Not ...	<i>See Myosotis</i> ...	—	—	—
Foxglove ...	<i>"Gloxinioides"</i> ...	4d, 6d	1/3	3/6
The Gloxinia-flowered giant spotted Foxglove, a fine range of colours is found in this type.				
Freesia refracta alba ...	...	4d, 6d	1/-	3/-
These beautiful bulbous plants are easily raised from seed, many of the seedlings will flower the first season.				
Gaillardia grandiflora ...	...	6d	1/3	4/6
Newest perennial varieties, these hardy composites are among the gayest of summer flowers for the mixed border.				
Gaillardia picta ...	<i>Single Mixed</i> ...	4d, 6d	9d	2/3
An excellent strain.				
Gaillardia picta Lorenziana ...	<i>Double Mixed</i> ...	4d, 6d	1/3	3/6
Choice mixed colours.				
Gerbera ...	<i>See Barberton Daisy</i> ...	—	—	—
Geum coccineum ...	...	4d, 6d	1/6	5/-
Hardy herbaceous perennials, dazzling scarlet, very showy.				
Gilia coronopifolia ...	<i>Perennial Gilia</i> ...	1/-	6/9	25/-
Grows to a height of 4 ft. with a striking spike of scarlet flowers 1 ft. long.				
Gladiolus callistis ...	...	6d	5/6	20/-
A scented species.				
Gladiolus tristis ...	...	6d	5/6	20/-
Cream or greenish white with brown bar or band.				



LUPINUS POLYPHYLLUS

(See page 72)

General List—continued.

	Per pkt.	$\frac{1}{4}$ oz.	oz.
Gloxinia hybrida ...	...	1/- 80/-	—
Suited to a cool greenhouse, magnificent tubular bell-shaped flowers in a gorgeous range of colour, they will flower the first season from seed.			
Godetia Whitneyi ... <i>Choice Mixed</i> ...	4d, 6d	1/-	3/-
Showy hardy annuals having a long flowering period and comprising a range of exquisite tints specially suitable for drawing room colour schemes.			
Gypsophila elegans ... <i>Carminaea</i> ...	4d	6d	1/6
Carmine-red, delightful hardy annuals, splendid cut-flower.			
Gypsophila elegans ... <i>Grandiflora alba</i> ...	4d	6d	1/-
A grand improvement, flowers large and pure white			
	Per lb. 10/-		
Gypsophila elegans ... <i>Pure White Compact</i> ...	4d	6d	9d
The daintiest of cut-flower; much improved habit. Per lb. 7/6.			
Gypsophila elegans ... <i>Rosea</i> ...	4d	6d	1/-
Pink, charming hardy annuals.			
Gypsophila paniculata ... <i>Perennial</i> ...	4d, 6d	1/-	3/-
Large panicles of flowers, handsome for bouquets.			
Helenium Bigelowi ... <i>Perennial</i> ...	6d	5/-	17/6
A beautiful hardy perennial, golden-yellow flowers with black centre, very striking and splendid for cut-flower.			
Helianthus ... See <i>Sunflower</i> ...	—	—	—
Helichrysum monstrosum ... <i>Everlasting Flowers</i> ...	4d, 6d	1/6	5/-
Choice double, in various colours mixed.			
Hollyhock ... <i>Annual Double</i> ...	4d, 6d	1/3	4/-
Choice mixed, height about 3 feet, bushy habit, will bloom the same season if sown early.			
Hollyhock ... <i>Annual Single</i> ...	4d, 6d	1/3	3/6
Choice mixed, height about 3 feet, bushy habit, will bloom the same season if sown early.			
Hollyhock ... <i>Chater's Double</i> ...	6d	5/6	20/-
An excellent strain of these conspicuous plants, giving a fine range of colours and form.			
Hunneemannia fumariefolia <i>Perennial Eschscholtzia</i> ...	4d, 6d	1/6	4/6
Bright yellow flowers, constantly in bloom, good drought resister.			
Iberis ... See <i>Candytuft</i> ...	—	—	—
Iceland Poppy ... " <i>Coonara Pinks</i> " ...	1/-	30/-	—
A new and beautiful strain in shades of pink; raised in Australia.			
Iceland Poppy ... " <i>El Monte</i> " ...	1/-	6/9	25/-
Deep tangerine; a giant hybrid selection; enormous flowers on long wiry stems; comes true to colour, easily grown and will flower in six months from seed.			
Iceland Poppy ... <i>Separate Colours</i> ...	6d	1/6	5/-
Orange-red, yellow and white.			
Iceland Poppy ... <i>Mixed</i> ...	6d	1/6	5/-
Large blooms, orange and yellow shades, not very tall.			
Ipomoea bona nox ...	4d	6d	1/6
Large blue flowers.			
Ipomoea purpurea ... See <i>Convolvulus major</i> ...	—	—	—
Ipomoea rubro-caerulea ... <i>Grandiflora</i> ...	6d	2/6	8/6
Charming sky blue, early flowering, deciduous.			
Ipomoea ... <i>Choice Mixed</i> ...	4d	6d	1/6
Splendid climbers in variety.			
Iris Kaempferi ... <i>Japanese Iris</i> ...	6d	1/6	5/-
These magnificent Irises delight in a swampy situation, gorgeous flowers of great size, they are easily raised from seed.			

General List—continued.

		Per pkt.	¼ oz.	oz.
Ixia leucantha	... White and mauve, separately or mixed.	6d	3/-	10/6
Ixia polystacha	... True	6d	3/-	10/6
Ixia scariosa	... Mauvy white flowers with yellow throat; very dainty.	6d	2/3	7/6
Lachenalia orchoides	... Light yellow and greenish.	6d	3/-	10/6
Lachenalia pustulata	... White or tinted.	6d	3/-	10/6
Lachenalia reflexa	... Yellow; dwarf; very pretty.	6d	3/-	10/6
Lachenalia unicolor	... Bright red.	1/-	10/6	40/-
Lachenalia unifolia	... "Tulbagh Opals," very choice.	1/-	8/-	30/-
Larkspurs	... See Special List	—	—	—
Lathyrus odoratus	... Sweet Peas	—	—	—
	See special list.			
Lavandula spica	... Common Lavender	4d, 6d	9d	2/-
	Used principally for bed-edging, silvery foliage, sweet-scented.			
Lavandula vera	... True Lavender	4d, 6d	1/-	3/-
	The favourite "herb," sweetly scented flowers, taller grower than "L. Spica."			
Leptosyne maritima	... Large yellow Marguerite, splendid cut-flower and very effective for massing.	4d, 6d	1/9	6/-
Linaria	... Annual	4d, 6d	9d	2/6
	"Choice Mixed." Very showy, resembling Snapdragons.			
Linum grandiflorum	... "Rubrum"	4d	6d	1/6
	A very pretty red-flowering species of Flax.			
Lobelia cardinalis	... Herbaceous	1/6	25/-	—
	Brilliant scarlet with dark foliage, this beautiful herbaceous perennial grows to 2 ft. or more and is a very striking plant.			
Lobelia compacta	... "Crystal Palace"	6d	4/-	13/6
	Incomparable for dwarf edging, dark blue.			
Lobelia compacta	... "Emperor William"	6d	3/6	12/6
	Light blue.			
Lupinus	... Annual Mixed	4d	6d	1/-
	These make a fine display of rich colouring.			
Lupinus arboreus	... Yellow	6d	—	1/-
	Per lb. 10/6.			
Lupinus, Large	... Pink	6d	—	1/-
	Per lb. 10/6.			
Lupinus polyphyllus	... Gibson's Hybrids	6d	1/6	5/-
	These magnificent hybrids give very striking spikes of bloom in the choicest shades of colour.			
Lupinus polyphyllus	... Perennial Mixed	6d	9d	2/6
	Beautiful leguminous plants for autumn sowing, long spikes of beautiful coloured flowers.			
Malcolmia	... See Virginian Stock	—	—	—
Marigold, African	... Tagetes erecta	4d, 6d	9d	2/6
	Tall Double Mixed. Well known and popular, free flowering garden plants for summer bedding.			
Marigold, English	... See Calendula	—	—	—
Marigold, French	... Tagetes patula	4d, 6d	9d	2/6
	Tall Double Mixed. Prettily striped orange and lemon shades and bronze blotched.			

General List—continued.

		Per pkt.	¼ oz.	oz.
Matthiola	... <i>Stocks</i>	...	—	—
See special list.				
Maurandia Barclayana	...	6d	5/6	20/-
Pretty blue-flowering evergreen twiner from Mexico.				
Mesembrianthemum aureum	...	—	—	—
Dwarf-upright in habit; large brilliant orange flowers; very fine. Per 3 capsules 1/-.				
Mesembrianthemum				
	criniflorum "Vygie"	...	6d	4/- 15/-
Brilliant early flowering annuals; gorgeous colours; grand for bedding.				
Mignonette	... <i>"Machet"</i>	...	4d, 6d	1/- 3/-
A favourite variety, never failing during summer and its scent is most fragrant.				
Mignonette	... <i>Sweet Scented</i>	...	4d	6d 1/-
Well known and popular plants for bedding and borders.				
Mignonette	... <i>"Triumph"</i>	...	4d, 6d	9d 2/6
Large-flowering pyramidal.				
Mimulus moschatus	... <i>Musk Plant</i>	...	1/-	13/6 50/-
Popular half-hardy perennial herb for bedding or pot culture.				
Moraea polystacha	... <i>Lilac</i>	...	1/-	6/- 20/-
Morning Glory	... See <i>Ipomoea</i> and			
	<i>Convolvulus</i>	—	—	—
Myosotis Alpestris	... <i>Forget-me-not</i>	...	4d, 6d	1/9 6/-
Charming shrubby garden plants.				
Nasturtium	... <i>"Empress of India"</i>	...	4d	6d 1/3
Intense crimson flowers and dark leaves, dwarf.				
Nasturtium	... <i>"Queen Alexandra,"</i>	...	4d	6d 1/3
A beautiful variegated-leaved variety, blood red, marbled and mottled flowers, tall.				
Nasturtium	... <i>"Starke's Special"</i>	...	4d	6d 9d
A very special mixture including many named varieties, tall.				
Nasturtium	... <i>"Tom Thumb"</i>	...	4d	6d 1/-
Mixed. Popular dwarf variety.				
Nemesia compacta	... <i>Blue Gem</i>	...	6d	6/- 21/-
Beautiful Forget-Me-Not blue.				
Nemesia compacta	... <i>"Fire King"</i>	...	1/-	10/6 40/-
Nemesia strumosa	...	...	6d	5/6 20/-
Perhaps our best spring annual, it affords an infinite variety of colour and is a most pleasing flower for table decoration.				
Nemesia strumosa	... <i>"Orange Prince"</i>	...	1/-	10/6 40/-
Rich orange-yellow, compact habit.				
Nemophila insignis	... <i>Blue</i>	...	4d	6d 1/6
Pretty hardy annuals for bedding, sow in autumn and again in spring.				
Nicotiana Sanderae	... <i>Flowering Tobacco</i>	...	4d, 6d	1/9 6/-
Half-hardy herbs, sow in early spring, showy flowers, carmine-red.				
Nigella	... <i>Love-in-a-Mist</i>	...	4d	6d 1/-
Hardy annuals with elegant foliage and pretty flowers, allied to Aquilegia, choice mixed seed from a splendid strain.				
Omphalodes linifolia	...	...	6d	9d 1/6
Annual, silvery foliage, white flower, very much like Forget-me-not, good cut flower.				
Ornithogalum thyrsoides	... <i>Chinkerichee</i>	...	4d, 6d	2/3 7/6
"Cape" variety, early flowering.				

General List—continued.

		Per pkt.	¼ oz.	oz.
Pansies	... See Special List	—	—	—
Papaver	... See Poppy	—	—	—
Pentstemon grandiflorum	... "Excelsior Mixed"	1/-	13/6	50/-
Very large flowers ranging in colour from white to deepest scarlet, a very fine strain.				
Pentstemon	... Mixed Hybrids	6d	4/-	15/-
These hybrids are very handsome.				
Petunias	... See Special List	—	—	—
Phlox decussata	... Perennial Phlox	1/-	6/9	25/-
Beautiful hardy border plants giving large trusses of bright-coloured bloom.				
Phlox Drummondii	... Summer Phlox	4d, 6d	1/3	4/-
Popular bedding plants giving a bright and varied display of colour, easily grown.				
Phormium tenax	...	6d	2/3	7/6
Hardy ornamental plant with long, broad, green leaves resembling Aspidistra.				
Physostegia, Rose	...	6d	4/-	15/-
Fine perennial herb with large pyramidal spikes of heath-like flowers, splendid for cutting.				
Physostegia, White	...	6d	4/-	15/-
Fine perennial herb, large spikes of white flowers, splendid for cutting.				
Pinks	... See Dianthus	—	—	—
Poppy, Flanders	... English Scarlet	4d, 6d	1/-	3/-
The common single English Poppy re-named during the Great War.				
Poppy, Shirley	... Extra Selected	4d, 6d	9d	2/6
A charming type, delicate colours and free-flowering, sow in autumn in the permanent situation, for cut-flower pluck before the buds open.				
Portulaca grandiflora	... "Double Mixed"	6d	2/3	7/6
Splendid bedding plants for summer, they are drought-resistant and make a gorgeous display in the hottest weather.				
Primrose, Chinese	... "Fimbriata"	1/-	16/-	60/-
Single Mixed, a splendid strain.				
Primrose, English	... Primula vulgaris	1/-	8/-	30/-
The common English Primrose.				
Primula obconica	... "Large-Flowered"	1/-	13/6	50/-
Charming perennial flowers, pale lilac.				
Pueraria Thunbergiana	... Kudzu Vine	4d, 6d	9d	2/6
Bluish violet, a rampant climber and useful economic plant.				
Ranunculus Asiaticus	... "Superbissimus"	4d, 6d	1/-	3/-
Large single, semi-double and double flowers of brilliant shades of colour.				
Reseda odorata	See Mignonette	—	—	—
Salpiglossis grandiflora	... "Giant Emperor"	6d	2/6	8/6
Beautiful plants for beds or borders, the flowers are richly coloured and beautifully veined.				
Salvia farinacea	... Flowering Sage	6d	4/-	15/-
Light, bright lavender; the flowers can be dried and used in the same manner as everlastings.				
Salvia patens	... Flowering Sage	1/-	10/6	40/-
Sky blue.				
Salvia splendens	... Flowering Sage	6d	2/6	8/6
Fine spikes of brilliant scarlet flowers, very free-flowering.				
Salvia splendens	... "Bonfire"	6d	5/6	20/-
Vivid scarlet, a striking shrubby plant, splendid for massing.				

SOW STARKE'S TESTED SEEDS—THEY COST YOU LESS, REALLY,
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General List—continued.		Per pkt.	¼ oz.	oz.
Scabious	... "Double"	... 4d, 6d	1/3	3/6
Tall, large-flowered strain, splendid bedding plants, excellent cut-flower.				
Scabiosa Caucasica	... "Giant Hybrids"	... 1/-	8/-	30/-
This magnificent strain has exceptionally large flowers, ruffled and slightly frilled on the edges. Colours range from white to darkest blue, mauve and lilac predominating.				
Scabiosa Caucasica	... Perennial Scabious	... 1/-	6/9	25/-
Delicate lavender-blue, height about 2 ft.				
Scabious	... "Tall Shasta"	... 6d	4/-	15/-
Pure white of enormous size with very long stems.				
Schizanthus	... Butterfly Flower	... 4d, 6d	1/-	3/6
Charming annuals, half-hardy, useful for bedding and for pot culture, extra fine mixed.				
Selago serrata	...	... 6d	3/-	10/6
Evergreen, dark foliage, mauve flowers (Jan.—Feb.), good.				
Shasta Daisy	... "King Edward VII"	... 4d, 6d	2/3	7/6
Fine large flowers of perfect form and pure white colour.				
Shasta Daisy	... "The Speaker"	... 4d, 6d	2/-	6/6
Flowers very large, the finest of this type.				
Sidalcea hybrida	...	... 6d	6/-	22/6
Perennial Mallows in a great range of colour, including shades of rose, pink, red, salmon, lilac and heliotrope; splendid border plants.				
Sparaxis bulbifera	...	... 6d	—	—
Sparaxis grandiflora	... "Cream"	... 6d	1/6	5/-
A delightful shade; gives a very nice spray.				
Sparaxis grandiflora	... "White"	... 4d	6d	9d
Resembles Freesia but taller. Per lb. 7/6.				
Sparaxis tricolor	... "Mixed"	... 6d	3/-	10/6
Beautiful Freesia-like flowers in bright colours; yellow, red and green.				
Sparaxis tubiflora	...	... 6d	—	—
Sparaxis	... Mixed	... 6d	—	—
Charming bulbous plants with bright and showy flowers of the Freesia type.				
Statice	... See Special List	—	—	—
Stocks	... See Special List	—	—	—
Streptanthra cuprea	...	... 6d	2/3	7/6
A beautiful Freesia-like flower of splendid form and lovely soft shade of tangerine.				
Streptanthra-Sparaxis	...	...	...	...
	Hybrids	... 6d	3/-	10/6
Sunflower	... "Cucumerifolius"	... 4d, 6d	9d	2/-
Miniature, 2 ft., branching flower stems, flowers 2 to 3 in. across, golden with black eye.				
Sunflower	... "Double Orange"	... 4d, 6d	9d	2/-
(Globulus fistulosus). Extra tall and very double.				
Sutherlandia frutescens	Cancer Bush	... 4d	6d	1/-
A leguminous South African shrub having very pretty scarlet flowers.				
Sweet Peas	... Lathyrus odoratus	...	—	—
See special list.				
Sweet Sultan	... Imperial	... 4d, 6d	1/-	3/-
A fine race with upright flower stalks and varied colours.				
Sweet William	... Double Mixed	... 4d, 6d	1/-	3/-
Well-known and popular garden plants, this is a very fine and free-flowering strain.				

General List—continued.

	Per pkt.	½ oz.	oz.
Thalictrum dipterocarpum ...	6d	4/-	15/-
A very graceful plant for the herbaceous border, rose-purple with yellow anthers, 4 to 5 ft.			
Thunbergia alata ... "Black-eyed Susan" ...	6d	3/-	10/6
Very pretty evergreen twiner, yellow flowers with black "eye," likes a warm and moist situation.			
Tithonia speciosa ... Mexican Sunflower ...	6d	3/-	10/6
Orange-vermilion; striking and beautiful flower.			
Tropaeolum Canariense ... Canary Creeper ...	4d, 6d	1/3	4/-
A very pretty species.			
Tropaeolum speciosum ... Flame Flower ...	1/-	8/-	30/-
Beautiful hardy climber, vigorous growth and covered with brilliant scarlet flowers.			
Ursinia anethoides ...	6d	3/-	10/6
Brilliant annual in shades of yellow and orange.			
Valeriana ... Polemonium cœruleum ...	4d, 6d	1/6	4/6
"Blue Greek." Blue-flowering herbaceous perennials for cut-flower, hardy.			
Valeriana ... White Valerian ...	4d, 6d	1/6	5/-
Hardy herbaceous perennials, splendid for cut-flower, light graceful stems.			
Venidium fastuosum ...	1/-	—	—
A new South African daisy of brilliant colouring, rich orange with a purple-black zone at the base of the petals; one of the finest introductions of recent years.			
Verbena ... Auricula-eyed ...	4d, 6d	2/-	7/6
Choice mixed.			
Verbena ... "Dark Blue" ...	6d	2/6	8/6
Verbena ... "Rose Queen" ...	6d	6/-	21/-
Large heads of lovely delicate rose.			
Verbena ... Scarlet ...	6d	2/6	8/6
A bright and striking colour.			
Verbena ... Starke's Mammoth Mixed ...	6d	3/6	12/6
A very fine mixture, magnificent heads of bloom.			
Viola ... Lutea splendens ...	6d	3/-	10/6
Golden.			
Viola cornuta ... "Admiration" ...	6d	3/-	10/6
Violas ... Scotch Strains ...	1/-	30/-	—
Choicest and newest bedding hybrids.			
Violet ... "The Czar" ...	1/-	6/9	25/-
Large blue, free flowering.			
Virginian Stock ... Malcolmia Maritima ...	4d	6d	1/3
Pretty dwarf bedding plants, free-flowering, bright colours, may be sown at different times for succession of bloom.			
Wallflower ... Single Mixed ...	4d	6d	1/6
A splendid mixture.			
Watsonia Beatricis ...	1/-	6/-	20/-
Long spikes with numerous orange flowers opening mostly at one time; evergreen foliage.			
Watsonia longifolia ... Mixed ...	1/-	6/-	20/-
Evergreen foliage, must be watered in the dry season.			
Watsonia Wilmanae ...	1/-	6/-	21/-
A grand species with distinct and varied colours.			
Watsonia Wordsworthiae ...	6d	1/9	6/-
Lilac flowers; resembles W. Ardernei in type.			
Watsonia sp. ... "Van Staaveren" ...	6d	4/6	16/-
Cerise; large-flowered; grand.			
Zinnias ... See Special List	—	—	—



ARGYRODERMA TESTICULARE.

(See page 78)



STAPELIA GRANDIS.

(See page 79)

SEEDS OF SOUTH AFRICAN SUCCULENTS AND OTHER RARE PLANTS.

Most of the South African Succulents come from a region subject to severe droughts of long duration and are intolerant to cold, wet conditions in Winter. They are mostly frost-resistant in a very high degree but in their natural home the Winter is almost invariably a dry period, the rains falling in Summer. Growers should take this fact into consideration when arranging for the wintering of their specimens in other countries. Nearly all of them are extremely partial to the full sunlight and will thrive in the hottest weather and at that time they may be more freely watered but watering should never be too frequent and in cold weather they want very little, if any.

When potting up or setting out plants that have been disturbed the greatest care should be exercised to avoid over-watering. The soil should be damp and no more, never sodden, and watering should not be repeated until it is really needed. When the roots are established in the soil and growth has begun watering may be gradually increased.

	Seeds per capsule	Seeds per doz.	100
Aloe saponaria	—	1/-	7/6
A very attractive species with tall branching spikes of brilliant red flowers.			
Aloe striata	—	6d	2/6
Compact stemless habit, leaves greyish green, large, smooth and spineless; large heads of orange-red flowers on erect stem; height in flower 3 feet; most conspicuous.			
Anacampseros arachrioides	—	6d	3/6
Very much like <i>A. telephiastrum</i> but flowers smaller and paler; soon makes a large clump.			
Anacampseros papyracea	—	1/-	7/6
A rare plant of most peculiar formation, the growths being entirely covered with white, papery scales; when growing amongst white stones the plants can hardly be detected.			
Anacampseros telephiastrum	—	1/-	7/6
A graceful little plant with mauvy pink flowers.			
Argyroderma testiculare	2/6	—	—
Dwarf, stemless Mesembrianthemum; very rare.			
Bergeranthus vespertinus	2 for 1/6	—	—
Triangular leaves; very dwarf growth; flowers yellow with orange reverse.			
Cheirodopsis tubercularia	2 for 1/-	—	—
Like <i>C. cigarettifera</i> ; the growths are covered with minute tubercles.			
Coniophytum pauxillum	3 for 1/-	—	—
Fragrant night-flowering species; flowers orange with reddish reverse; growths green with reddish dots and lines.			
Faucaria canana	2 for 1/-	—	—
A dwarf Mesembrianthemum, the growths are grey-green and toothed on the upper surface; flowers yellow; makes a nice compact specimen.			
Gasteria verrusco	—	1/-	7/6
One of the largest and best of the Gasterias; tall branching flower stem, 3 to 4 feet; flowers coral, tipped green.			
Glottiphyllum depressum	1/6	—	—
A handsome, easily grown species; growths short and broad; large golden yellow flowers, freely produced.			

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

	Seeds per capsule	Seeds per doz.	100
Glottiphyllum sp.	3 for 6d	—	—
All species of this genus make excellent specimens whether in pots or in a rockery.			
Haworthia Bolusi	—	—	—
Dwarf compact habit, prefers a shady situation; tips of growths incurved and covered with delicate spines, giving the plant a spider-web appearance. Per pkt. 1/-			
Haworthia viscosa	—	1/-	7/6
This species much resembles the Apicras in the formation of the growths; makes large clumps.			
Hereroa dolabriforme	2 for 1/-	—	—
A dwarf compact plant, leaves round at the base but becoming more and more compressed laterally towards the apex, giving the growths a hatchet shaped appearance.			
Hereroa granulata	2 for 1/-	—	—
A dwarf Mesembrianthemum bearing bright orange flowers.			
Hereroa Stanleyi	3 for 1/-	—	—
This species produces an abundance of yellow flowers.			
Lithops kinbisensis	1/-	—	—
The various species of Lithops are highly interesting plants from the desert regions of South West Africa. Their short stumpy growths are level with the surface of the soil and transparent to allow the sunlight to reach their inner surfaces.			
Mentocalyx Muirii	1/6	—	—
A beautiful decumbent Mesembrianthemum resembling the Glottiphyllums in habit but the growths are a dull grey-green; large flowers of a beautiful shade of pink; very fine.			
Mesembrianthemum ringentea	1/-	—	—
A stemless Mesembrianthemum; flowers yellow with reddish brown reverse; toothed growths with a bronzy appearance.			
Punctillaria compacta	2/-	—	—
Much like <i>P. magnipunctata</i> but the growths are smaller and more symmetrical.			
Punctillaria magnipunctata	1/6	—	—
A handsome stemless Mesembrianthemum, large bright yellow flowers, one of the best of this type.			
Punctillaria nobile	1/-	—	—
In appearance this species much resembles <i>P. magnipunctata</i> except that the growths are longer and narrower and the flowers somewhat larger and richer in colour.			
Punctillaria Roodiae	1/6	—	—
Somewhat distinct from the usual type of this genus; growths green shading to red during drought; symmetrical, producing a compact clump; flowers yellow.			
Stapelia grandis	—	6d	2/6
A robust growing species; makes a very conspicuous plant, covered with hairy growths.			
Stapelia hirsutus	—	1/6	—
A tall species with purplish black flowers covered with hairy protusions.			
Stapelia variegata	—	1/-	—
The foliage of this species is particularly handsome, very suitable for miniature rockeries.			
Stomatium Fulleri	2 for 1/-	—	—
Dwarf, pale green growths, peculiarly warted and toothed; flowers freely in Spring and early Summer.			

Seeds of Forest and Ornamental Trees and Shrubs

		Per oz.	$\frac{1}{4}$ lb.	lb
Aberia caffra ... <i>Kei Apple</i> ...	Bears an edible fruit used by the jam factories, usually grown as a hedge.	9d	2/6	9/-
Acacia Baileyana ... <i>Bailey's Wattle</i> ...	A drought resistant tree of great beauty. The best Acacia for ornamental purposes.	9d	2/3	7/6
Acacia cultriformis ...	Drought and frost resistant; can be used for hedges.	9d	2/-	6/-
Acacia cyclopis ... <i>Rooikrans</i> ...	Shrubby habit, useful for reclamation of drift sands.	—	6d	1/-
Acacia dealbata ... <i>Silver Wattle</i> ...	Hardier than Black Wattle but the bark is not quite so valuable.	—	6d	1/6
Acacia decurrens ... <i>Green Wattle</i> ...	Closely resembles Black Wattle but slightly hardier. The yield of bark is lower.	—	6d	1/6
Acacia Farnesiana ... <i>"Cassie"</i> ...	Yellow, from St. Domingo.	9d	2/-	7/6
Acacia longifolia ...	Ornamental shrubby habit, bright yellow flowers.	6d	1/-	3/-
Acacia mollissima ... <i>Black Wattle</i> ...	Produces the best tanning bark and succeeds on sour veld.	—	6d	1/-
Acacia pycnantha ... <i>Golden Wattle</i> ...	Produces valuable bark but the tree is small and the yield not very heavy.	—	6d	1/-
Acacia saligna ... <i>Port Jackson Wattle</i> ...	Quick growing and hardy, suited to coastal area, useful bark and timber. 25 lbs at 5d; 100 lbs at 4d per lb.	—	—	6d
Aitonia Capensis ... <i>"Klapperbos"</i> ...	A beautiful shrub from the Oudtshoorn district; the showy pink capsules resemble small Chinese lanterns. Per dozen Seeds, 1/-.	—	—	—
Amelanchier Asiatica ...	A hardy shrub or small tree, cultivated for its showy white flowers, deciduous.	1/3	4/-	15/-
Araucaria imbricata ... <i>Monkey Puzzle</i> ...		2/-	7/-	25/-
Aulax cneorifolia ...	Yellow-flowering, evergreen shrub, allied to Proteas. Per pkt 6d; $\frac{1}{4}$ oz 3/-.	10/6	—	—
Betula alba ... <i>White Birch</i> ...	A hardy deciduous tree, the Common European White Birch.	6d	1/8	3/6
Calodendron Capensis ... <i>Cape Chestnut</i> ...	Beautiful large flowers in terminal panicles, pinkish white with purple, very conspicuous.	1/3	3/6	12/6
Calpurnia sylvatica ...		20/-	—	—
Casuarina	Per pkt. 1/-.			
Cunninghamiana <i>Beefwood</i> ...	A fine large shade tree, thrives best near a stream.	1/6	5/-	17/6
Casuarina equisetifolia ... <i>Coast Beefwood</i> ...	Grows in saline soil and valuable as a sand-stay.	1/6	5/-	17/6
Cedrela toona ... <i>Toon</i> ...	A handsome ornamental and timber tree, rapid grower, cedar-like soft wood, likes moist localities	1/3	3/6	12/6
Cedrus Atlantica argentea <i>Mount Atlas Cedar</i> ...		1/3	3/6	12/6

		Per oz.	$\frac{1}{4}$ lb.	lb.
Cedrus deodara ... <i>The Deodar Cedar</i> ...	Suited to the High Veld. A large tree yielding valuable softwood, ornamental.	1/3	4/-	15/-
Corylus avellana ... <i>Hazel Nut</i> ...	Hardy deciduous shrub.	—	1/3	4/-
Crataegus oxyacantha ... <i>English May</i> ...	White flowering, fragrant, a fine sight when covered with red berries in autumn. Deciduous.	6d	1/6	4/6
Crataegus pyracantha ... <i>Fiery Thorn</i> ...	An evergreen Hawthorn, native of Southern Europe.	6d	1/6	4/6
Cryptomeria Japonica ... <i>Japanese Cedar</i> ...	A tall straight-growing tree, yields valuable softwood, thrives in moist, mountainous localities.	1/9	5/6	20/-
Cupressus Arizonica ... <i>Arizonica Cypress</i> ...	Probably the hardest Cypress and well suited to the O.F.S. and similar regions. (Imported Seed.)	1/6	5/-	17/6
Cupressus Lawsoniana ... <i>Lawson's Cypress</i> ...	A large and very graceful tree, will grow to 100 feet in favourable conditions, good clear timber easily worked. (Imported Seed.)	1/6	5/-	17 6
Cupressus Lusitanica ... <i>Portuguese Cypress</i> ...	A large and rapid growing tree, requires a mild and moist climate.	6d	1/9	6/-
Cupressus macrocarpa ... <i>Macrocarpa Cypress</i> ...	Splendid for tall hedges, shelter rows and as ornamental specimens. Imported seed (True).	1/3	4/-	15/-
Cupressus sempervirens (horizontalis) <i>Spreading Cypress</i> ...	Durable timber for fencing poles, hardy in the Karroo and O.F.S. (Imported Seed.)	6d	1/3	4/-
Cupressus sempervirens (pyramidalis) <i>Pyramidal Cypress</i> ...	The familiar tree of Churchyards, hardy in the Karroo. (Imported Seed.)	6d	1/3	4/-
Cupressus torulosa ... <i>Himalayan Cypress</i> ...	An excellent windbreak, and stands the severest cold.	1/-	3/6	12/-
Cytisus proliferus albus ... <i>Tagasaste</i> ...	A handsome white-flowering shrub and useful fodder plant.	9d	2/-	7/6
Diospyros Virginiana ... <i>Persimmon</i> ...	For growing stocks on which to graft the named fruiting varieties.	1/3	3/6	12/6
Dodonaea viscosa ...	A pretty hedge plant, bright green foliage, lardy against drought but tender to frost, the seed may be sown <i>in situ</i> .	1/-	3/6	12/-
Eucalyptus botryoides ...	Valued for its adaptability and rapid growth.	2/-	6/6	24/-
Eucalyptus Bridgesiana ...	Spreading habit, good shelter tree, suited to the high veld. This is the best of the species formerly included under <i>E. Stuartiana</i> .	2/-	6/6	24/-
Eucalyptus calophylla ... <i>White-Flowering Gum</i> ...	Large white flowers, ornamental, produces strong timber, not very frost resistant.	1/6	5/-	17 6
Eucalyptus citriodora ... <i>Lemon-Scented Gum</i> ...	Tall straight and clean stems, good timber, drought resistant, a fine tree.	1/3	4/-	15/-
Eucalyptus cladocalyx ... <i>Sugar Gum</i> ...	The best for the drier districts of Western Cape Province such as Malmesbury and Piquetberg and similar localities.	1/-	3/-	10/6
Eucalyptus colossea ... <i>Syn. E. diversicolor</i> ...		—	—	—

		Per oz.	$\frac{1}{4}$ lb.	lb.
Eucalyptus coriacea ...	...	1/6	5/-	17/6
One of the most frost-hardy gums but not very drought-resistant, stems usually crooked.				
Eucalyptus cornuta ... <i>Yate</i>	...	1/6	5/-	17/6
Large tree, heavy durable wood, suited to coastal area of the Cape Province.				
Eucalyptus diversicolor <i>Karri</i>	...	1/6	5/-	17/6
Large straight tree, a rapid grower on deep soils in the coastal area of Cape Province.				
Eucalyptus eugenoides ... <i>White Stringybark</i>	...	2/-	6/6	24/-
A large tree, straight stems, durable timber, fairly hardy to drought.				
Eucalyptus ficifolia ... <i>Red-Flowering Gum</i>	...	1/9	6/6	24/-
Large and prominent panicles of various shades of scarlet and crimson.				
Eucalyptus gomphocephala <i>Tuart</i>	...	1/6	5/-	17/6
Fairly large tree, hard strong timber, suited to coastal area.				
Eucalyptus Gunnii ... See <i>E. Ovata</i>	...	—	—	—
Eucalyptus Lehmanni ...	...	1/-	3/-	10/6
The Bushy Cornuta Gum, extensively used for tall hedges and shelter belts.				
Eucalyptus longifolia ... <i>Woolly Butt</i>	...	1/6	5/-	17/6
Large tree, straight grower, durable wood, suited to moist localities.				
Eucalyptus macrorrhyncha	...	2/9	10/-	35/-
Fairly drought-resistant, straight and durable timber.				
Eucalyptus maculata ... <i>Spotted Hickory</i>	...	1/6	5/-	17/6
Well suited to moist areas in Natal and Transvaal and in drier districts if practically frost-free, good timber.				
Eucalyptus marginata ... <i>Jarrah</i>	...	1/6	5/-	17/6
Produces the well-known durable timber, but has not yet found its best locality in South Africa.				
Eucalyptus melliodora ... <i>Yellow Box</i>	...	1/6	5/-	17/6
Medium size, very hardy to frost and drought, tough wood, abundant sweet flowers suitable for bees, thrives in O.F.S.				
Eucalyptus microcorys ... <i>Tallowood</i>	...	1/6	5/-	17/6
Splendid timber tree for moist warm districts, not very frost or drought resistant.				
Eucalyptus obliqua ... <i>Stringy Bark</i>	...	2/-	6/6	24/-
A quick-growing tree, large and straight, makes useful timber, likes cool and moist conditions.				
Eucalyptus ovata ...	...	1/6	5/-	17/6
Formerly known as <i>E. Gunnii</i> . Suited to the highveld where not too dry. Fairly tall and straight.				
Eucalyptus paniculata ... <i>Grey Ironbark</i>	...	1/6	5/-	17/6
A fine timber tree for moist districts and stands some drought, but tender to frost.				
Eucalyptus polyanthemos <i>Red Box</i>	...	1/6	5/-	17/6
Medium size, frost and drought resistant, good shade and street tree, tough heavy wood.				
Eucalyptus radiata ...	...	2/-	6/6	24/-
One of the "Peppermint" Gums; hardy to frost; straight and rapid grower; useful for tall shelter rows.				
Eucalyptus resinifera ... <i>Forest Mahogany</i>	...	1/6	5/-	17/6
A fine timber tree for moist regions where frost is not severe.				
Eucalyptus robusta ... <i>Swamp Mahogany</i>	...	1/6	5/-	17/6
Rapid grower, shady, stands fairly dry conditions but prefers moist frost-free localities.				

	Per oz.	½ lb.	lb.
Eucalyptus rostrata ... <i>Red Gum</i> ...	1/6	5/-	17/6
Good and durable timber, hardy to drought, heat, cold and brack, one of the most generally successful kinds.			
Eucalyptus saligna ... <i>The Saligna Gum</i> ...	1/3	3/9	13/6
Very rapid grower, straight, useful timber, tolerant to varying conditions if sufficient moisture and frost-free.			
Eucalyptus salmonophloia <i>Salmon-Barked Gum</i> ...	1/6	5/-	17/6
A small tree suited to dry districts in Cape Province where frosts are not severe.			
Eucalyptus sideroxylon ... <i>Red Ironbark</i> ...	1/6	5/-	17/6
Excellent timber tree, drought and frost resistant, suited to a wide range of locality.			
Eucalyptus viminalis ... <i>Willow Gum</i> ...	1/6	5/-	17/6
Very rapid grower, thrives in moister districts of the high veld, suitable for tall shelter belts.			
Euryops spathaceus ...	10/6	—	—
South African evergreen shrub. Per pkt. 6d; ¼ oz. 3/-.			
Ginkgo biloba ... <i>The Maidenhair Tree</i> ...	6d	1/-	3/6
A highly ornamental tree producing edible nuts, deciduous.			
Grevillea robusta ... <i>Silky Oak</i> ...	1/6	5/-	17/6
Handsome ornamental tree with fern-like leaves and abundant golden yellow flowers in spring.			
Heterolepis decipiens ...	16/-	—	—
Evergreen, dwarf shrub, large yellow flowers. Per pkt. 6d; ¼ oz. 5/-.			
Jacaranda mimosaefolia <i>Jacaranda</i> ...	1/6	5/-	17/6
An ornamental tree of great beauty. When in bloom it is literally covered with mauvy blue flowers.			
Juniperus Chinensis			
<i>procumbens</i> ...	1/3	3/6	12/6
Juniperus Virginiana ... <i>Pencil Cedar</i> ...	6d	1/9	6/-
Slow-growing but hardy to drought and frost.			
Lebeckia cytisoides ...	2/6	—	—
A leguminous S. African shrub resembling Cytisus. Clusters of yellow pea-flowers are produced in great profusion in August. Per pkt 6d; ¼ oz 9d.			
Leptospermum			
<i>laevigatum</i> <i>Australian Myrtle</i> ...	1/-	3/-	10/6
Used solely as a hedge plant, thrives wonderfully in the Cape Province.			
Leucadendron argenteum <i>Silver Tree</i> ...	1/3	4/-	15/-
Indigenous on the slopes of Table Mountain and well known for its beautiful silvery foliage.			
Leucadendron plumosum ...	10/-	—	—
Useful ornamental shrub. Per pkt 6d; ¼ oz 3/-.			
Ligustrum ibota ... <i>Privet</i> ...	9d	2/3	7/6
Fine white-flowered shrub, suitable for hedges.			
Ligustrum Japonicum ... <i>Japanese Privet</i> ...	6d	9d	2/6
A very rapid grower, makes a fine evergreen hedge, sweetly scented flowers.			
Ligustrum lucidum ... <i>Chinese Privet</i> ...	6d	1/9	6/-
Excellent hedge plant, hardy and strong grower, also useful ornamental tree.			
Melaleuca leucadendron ...	5/-	—	—
A tall growing tree yielding hard and close grained timber. Per pkt. 6d; ¼ oz. 1/6.			

		Per oz.	$\frac{1}{4}$ lb.	lb.
Morus alba ... <i>White Mulberry</i> ...	The silkworm Mulberry; drought and frost resistant; useful for a tall hedge. Per pkt 6d; $\frac{1}{4}$ oz 9d.	2/-	—	—
Morus nigra ... <i>Black Mulberry</i> ...	A large-fruited variety. Per pkt 6d; $\frac{1}{4}$ oz 3/-.	10/6	—	—
Myrtus communis ... <i>English Myrtle</i> ...	White flowering, dark green foliage, mostly used for bed edging and hedges.	1/9	5/6	20/-
Noltia Africana ...	A dense, dark-leaved shrub or small tree; evergreen. Per pkt. 6d; $\frac{1}{4}$ oz. 2/-.	6/-	—	—
Ochna atropurpurea ...	A fine evergreen shrub with yellow flowers followed by crimson and purple fruits. Per pkt. 6d; $\frac{1}{4}$ oz. 3/-.	10/6	—	—
Paulownia Imperialis ... <i>Empress Tree</i> ...	Thrives best in the coast belt and likes deep alluvial soil; rapid grower to 30 or 40 feet; flowers usually dark lilac and very attractive.	1/3	4/-	15/-
Pinus Canariensis ... <i>Canary Island Pine</i> ...	Suited to mountainous regions of Cape Province, valuable timber tree.	9d	2/6	7/6
Pinus halepensis ... <i>Jerusalem Pine</i> ...	Suited to Western Free State and Transvaal, yields even-grained soft-wood and is a good shelter tree.	6d	1/-	3/-
Pinus insignis ... <i>Insignis Pine</i> ...	A very handsome and rapid growing tree reaching a height of 80 to 100 feet, suited to the coastal area.	1/3	3/6	12/6
Pinus muricata ... <i>Bishop's Pine</i> ...	Rapid grower somewhat resembling <i>P. insignis</i> , will grow on clayey soils, should be tried in high-veld districts under fairly moist conditions.	1/6	4/-	15/-
Pinus palustris ... <i>Long Leaf Pitch Pine</i> ...	A fine timber tree; likes a moist but well drained soil.	1/6	5/-	17/6
Pinus pinaster ... <i>Cluster Pine</i> ...	The forest pine of the Cape Peninsula, hardy and can be sown on the permanent situation (15 to 20 lbs. per acre).	6d	9d	2/6
Pittosporum Buchanani Matipo ...		1/3	4/-	15/-
Pittosporum eugenoides ...	May be grown as a shrub or small tree and splendid for hedges, pale metallic-green foliage, compact habit.	1/3	4/-	15/-
Pittosporum tenuifolium Silver Matipo ...		1/3	4/-	15/-
Pittosporum tobira ...	Dark green foliage; white flowers, sweetly scented; more erect than <i>P. undulatum</i> .	2/6	8/-	30/-
Podalyria calyptrata ...	Very beautiful flowering shrub, rapid grower, mauvy pink flowers in long sprays. Seed: Per pkt 6d; $\frac{1}{4}$ oz 1/6.	5/-	—	—
Podalyria calyptrata ... <i>White</i> ...	This seed has been saved from the white form of this beautiful shrub but can not be guaranteed to come true to colour. Per pkt. 6d; $\frac{1}{4}$ oz. 2/3.	7/6	—	—
Podranea Brycei ... <i>Zimbabwe Creeper</i> ...	A rampant climber, large rose-pink tubular flowers. Per pkt 6d; $\frac{1}{4}$ oz 6/-.	20/-	—	—
Protea compacta ...	Tall, spreading plant; rose colour; free-flowering.	2/6	—	—

		Per oz.	$\frac{1}{4}$ lb.	lb.
Protea latifolia ...	...	2/6	—	—
Red and cream, upright, 12 to 15 feet, almost perpetual flowering.				
Protea longifolia ...	...	2/6	—	—
Protea marginata ...	...	2/6	—	—
Variable habit; flowers pink with blackish brown tips.				
Protea mellifera ...	<i>Cape Sugar Bush</i> ...	2/6	—	—
A beautiful shrub of the South Western Districts of the Cape Province, it yields a great quantity of delicious nectar.				
Protea Mundii ...	...	2/6	—	—
Very tall and erect, up to 20 feet, flowers white.				
Protea neriifolia ...	...	2/6	—	—
Variable; rose and brown heads.				
Protea obtusifolia ...	...	2/6	—	—
Red, 6 feet, bushy growth, flowers July/August.				
Protea pulchella ...	...	2/6	—	—
Greenish-pink, 4 to 5 ft., bushy habit, flowers June/July.				
Protea Susannae ...	...	2/6	—	—
Rich red, 10 to 12 ft., loose upright growth, May/June flowering.				
Psoralea aphylla ...	...	3/-	—	—
Graceful waterside shrub, quick grower.				
Rhus lancea ...	<i>Karree</i> ...	6d	9d	2/6
A hardy indigenous tree of the Karroo and other parts of South Africa.				
Robinia pseudacacia ...	<i>Robinia</i> ...	6d	1/9	6/-
Ornamental white flowers, hardy to frost and drought but prefers moist localities, makes good fencing posts. Deciduous.				
Senecio grandiflora ...	...	16/-	—	—
A compact, shrubby bush; mauve. Per pkt. 6d; $\frac{1}{4}$ oz. 4/6.				
Sesbania cinerascens ...	...	10/6	—	—
A quick-growing, graceful, small tree. Per pkt. 6d; $\frac{1}{4}$ oz. 3/-.				
Sterculia diversifolia ...	<i>Currajong</i> ...	1/6	5/-	17/6
A handsome street tree, beautiful cream and red-marked flowers. The leaves are good fodder.				
Sterculia platanifolia ...	<i>Chinese Parasol</i> ...	1/3	3/6	12/6
Has very large leaves, often 12 in. across, and curious pod-like capsules; the flowers are insignificant; deciduous.				
Sutherlandia frutescens ...	<i>Cancer Bush</i> ...	1/-	—	—
A leguminous South African shrub having very pretty scarlet flowers.				
Syringa vulgaris ...	<i>Common Lilac</i> ...	2/6	9/-	32/6
Syringa vulgaris ...	<i>"Flora Alba"</i> ...	1/-	4/-	15/-
White flowering variety.				
Telopea speciosissima ...	<i>Waratah</i> ...	—	—	—
An Australian Protea, gorgeous red flower resembling a Leucadendron. Seeds: 2/6 per dozen.				
Virgilia Capensis ...	<i>Keurboom</i> ...	2/-	6/9	25/-
An indigenous evergreen leguminous tree with sweetly scented lilac flowers in spring and early summer.				
Wistaria sinensis ...	<i>Blue Wistaria</i> ...	1/6	4/6	16/-
Deciduous twiner, beautiful racemes of deep lavender flowers in early spring.				
Wistaria sinensis alba ...	<i>"White Wistaria"</i> ...	2/6	—	—
Seeds: 6d doz; 3/- per 100; 25/- per 1000.				

Day, Son & Hewitt's Animal Medicines

FOR HORSES, CATTLE, SHEEP and PIGS.

		Price	Postage
"Broncholine"	... Per bot.	2/-	1/-
The great Parasitic Remedy for Lambs and Calves. For Coughs and Bronchial Irritation, Lungworms, Tapeworms, etc.			
"Chemical Extract"	... Per bot.	2/-	1/-
An Embrocation for Wounds, Kicks, Barbed Wire Cuts, Bruises, etc., Sores, Chafed Shoulders, Saddle Galls, Rheumatism, Sore Throats, Swollen Udders, Sore Teats.			
			
"Curdolix"	... Per bot.	7/-	1/-
A famous Scour Mixture, which speedily arrests Diarrhoea, White Skit or "Curd" in Foals, Calves, Lambs, Pigs, etc. It warms and soothes the Stomach and irritated Membranes, also neutralises Acidity.			
			
"Gall Ointment"	... 4 oz.	9d	6d
Rapidly heals Sore Shoulders, Saddle Galls, Greasy Heels, Speed Cracks, in Horses and Mules; also Wounds on Cattle.			
			
"Gall Sick Cure"	... Per bot.	1/-	1/6
For "Gall Sick" which generally arises from a change of dry to green grass or vice-versa. Treat immediately.			
"Gaseodyne"	... Per bot.	5/-	1/-
Used as Laudanum for dulling pain. It soothes the Nervous System in cases of difficult parturition, and is recommended for Bronchitis, Pneumonia, Gastritis, Influenza or Pink Eye and Dysentery.			
"Gaseous Fluid"	... Per bot.	3/6	4d
Acts like magic for Fret, Colic or Gripes, Colds, Chills, Shivering Fits, Spasms, etc., in Horses, Mules, Cattle, Sheep, Pigs and Goats. Hoven or Blown Cattle and Sheep instantly relieved after one dose. Highly recommended for prostrated animals after difficult parturition.			
			
"Horse Balls" (Gelatine Coated)	... Per doz.	9/6	1/-
"Black Physic" for Constipation; "Condition"; "Worm," for Stomach and Intestinal Worms; "Digestive"; "Diuretic" for Thick Water, etc.; "Constitution"; "Cordial." Also "Fever Balls," "Cough Balls," and "Grease Balls." (1/- each; postage 2d.)			

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

“Kossolian”

The Great Blood Purifier and Conditioner for all Animals. Specially recommended for all Blood Disorders in Horses, Cattle, Sheep, Pigs and Goats, such as Surfeits, Itching, Anæmia, Unthriftness, Humours, Skin Affections; also Sluggishness, Staring Coat, Indigestion, Lack of Appetite, etc. “Kossolian” quickly prepares animals for Show or Sale, and is given sprinkled amongst the food.



	Price	Postage
28 lbs	82/6	—
8½ lbs	36/6	—
2 lbs	10/6	1/6



Patent Pessaries

- For breeding stock.
- No. 1 Yellow. For expelling the cleansing after calving, rendering the passage aseptic, it prevents blood poisoning from the after-birth becoming foul.
- No. 2 Pink. For inflammation after difficult foaling or calving. Acts as a painkiller.
- No. 3 Green. For “Whites” in cattle, mares, etc. The passage should be syringed first.
- No. 4 Brown. For slipping or abortion, preventing the bacillus entering the vagina.
- No. 5 Mauve. Used as an “antacid” for sterility and barrenness, including cows and mares “turning,” “not holding,” etc. Use with “Dakos.”



For COWS. MARES, etc.

“PESKARIER.”

Each	21/-	6d
------	------	----



This “Peskarier” or Introducer renders the passing of the Patent Pessaries a very simple operation. **No Danger!** This Instrument obviates using the arm and hand, and is easily sterilized in boiling water.

“Porcino Pig Powders”

Per doz pkts	3/-	4d
--------------	-----	----

Keeps Pigs in first-class condition. For Inflammatory Disorders, Skin Eruptions, preventing Fits, etc.

		Price	Postage
"Red Drench" (or Inflammation Powder) ...	Per pkt.	1/9	6d
(Pkts.: 18/6 per doz.)			

The Safe and Natural Aperient for all Animals. Invaluable for Colds, Chills, Indigestion, Costiveness, Garget, Murrain, Yellows, Hidebound, Fardelbound, Loss of Cud in Cattle. Highly recommended for Cows after Calving, and for Ewes after Lambing. It cleanses the system, prevents Milk Fever, and checks all Feverish Symptoms.



Salodyne ...	... Per tin	3/6	—
For Fluke and Liver Rot.	Larger	5/-	—
"Udder Salve" ...	Per bot.	5/-	1/-
For Sores and Wounds on Udder or Teats.			
"Vetamenta" ...	Per bot.	4/-	1/-

A Chill and Fever Cure for all Animals (ready mixed for immediate use). Specially prepared for Garget, Felon, Udder-ill Swollen Bags and Sore Teats.



FOR POULTRY.

		Price	Postage
Kossolian Blood Salt for Poultry ...	Per tin	2/6	6d
The great Blood Purifier and Conditioner.			
Poultry Pellets , Liver, Roup and Leg Weakness	Per bot.	1/9	4d

FOR DOGS.

Castor Oil Elixir ...	Per bot.	1/6, 2/6	6d, 1/-
A safe and soothing aperient.			
Cod Liver Oil Capsules ...	Per bot.	1/6, 2/6	2d, 4d
For weak or debilitated Dogs.			
Cough Mixture for Dogs and Cats ...	Per bot.	1/9	6d
For Coughs, Colds and Irritation of the Throat or Lungs.			
Dog and Puppy Pills ...	Per bot.	1/9	4d
Distemper, Cough, Astringent, Worm, Aperient.			
Ear Canker Lotion ...	Per bot.	4/9	1/-
Thoroughly reliable and efficient for cases of Canker in Dogs.			
Fever Mixture ...	Per bot.	1/9	1/-
A safe and valuable preparation for Distemper.			
Shampoo (Dry) ...	Per bot	1/9	4d
Avoids the risk of chills and acts as an enemy to vermin.			

D.

FOR DOGS.

"Kossolian"

The world-famed Blood Purifier, Tonic and Conditioner for all Dogs. Impure Blood is invariably the cause of most Dogs' Ailments, such as Skin Eruptions, Eczema, Anæmia, Sluggishness, Ill-condition, etc. The great point is to eliminate the poisonous matter in the blood, and for this purpose "Kossolian" is a "Specific." Recommended for Dogs recovering from Distemper.



Price Postage
3/- —

"Kossolian" Pills

For all breeds of Dogs. Supplied in 2 sizes according to the size and breed of the animal. They purify the Blood and tone up the system generally.



Per bot. 2/- 4d
Larger 4/6 6d

"Xemos"

Excellent for severe forms of Mange, Eczema, Ringworm, etc.

Per tin 1/9 6d

Miscellaneous.

	Per lb.	25 lbs.	50 lbs.	100 lbs
Epsom Salts	6d	5/-	7/6	14/-
Glauber Salts	6d	4/6	7/-	13/6
Precipitated Phosphate (Analysis: Phosphoric oxide soluble in 2 per cent. citric acid solution, 37.5 per cent., lime 45 per cent.)	6d	5/-	9/-	16/6
McDougall's Ear Smear for Ticks			2/- per tin	
"Delmore" Nicotine Tick Ointment			Per lb 1/-, 5 lbs 4/-	
"Delmore" Tick Oil			Per 1/8 gal. 1/-; 1 gal. 5/-	

D.

D.

ERADIWEED.

The Guaranteed (1-100) Weed Killer.

A Clean Path always adds to the Appearance of the Garden.



Economy is one big feature since a pint tin of **Eradiweed** will destroy all weeds over an area of 50 square yards when diluted with water in the proportion of 100 to 1. **Care** should be exercised to a reasonable extent when applying the Weed Killer in view of its poisonous nature, and due respect paid to the possibilities of domestic animals coming into contact with and eating the treated vegetation. F.

Full directions for use accompany each package.

Pints 3/-; Quarts 4/3
1/2 Gallons 7/6, 1 Gallon 14/-

Fertilisers.

We give the following list of Fertilisers to help the uninitiated gardener who may be looking for a suitable fertiliser for a particular crop but does not know how best to choose for this purpose.

Agricultural Lime.—This is carbonate of lime for fertiliser purposes. It is in the right form for the garden—don't attempt to whitewash the fowl house with it. It is of no use for that purpose. Liming is important and should be carried out at intervals—every three years or so. It sweetens the soil and helps to prevent disease. A fairly heavy dressing is advisable, at least $\frac{1}{2}$ lb per square yard. 100 lbs 3/6; 150 lbs 4/6; 2000 lbs 37/6.

Sulphate of Potash.—Useful when bone meal is used instead of a complete fertiliser as it supplies the potash that is lacking in bone meal. It may also be used as an extra dressing for Potatoes, Tobacco and similar crops needing an ample supply of potash. Tomatoes and many other vegetables would probably be benefited by a light extra dressing of potash in this form. Per lb 6d; 25 lbs 7/-; 50 lbs 12/6; 100 lbs 20/-.

Ground Kraal Manure.—An excellent substitute for stable manure but much more concentrated. It is specially beneficial on soils lacking in humus. 100 lbs 6/-; 200 lbs 10/6; 2000 lbs £4.

Nitrate of Soda.—Supplies nitrogen in a very soluble form. It may be dissolved and applied in liquid form to pot plants or in the garden. Or, it may be broadcasted just before a rain or before using the hose. It acts instantly if the plant is in full growth and thus able to take it up. $2\frac{1}{2}$ lb cartons 1/6; 25 lbs 7/-; 50 lbs 12/6; 100 lbs 20/-.

Sulphate of Ammonia.—With 20 per cent nitrogen this is more concentrated than Nitrate of Soda which has 16 per cent. It may be used for compounding special mixtures or it may be applied separately in powder form. Per lb 6d; 25 lbs 7/-; 50 lbs 12/6; 100 lbs 20/-.

Whale Meat.—A valuable nitrogenous fertiliser for all crops, especially in the Vegetable Garden. Per 25 lbs 5/-; 100 lbs 16/6; 200 lbs 30/-; 2000 lbs £14.

Basic Slag.—An excellent phosphatic fertiliser. Not so soluble as Superphosphate but has the advantage in that it tends to sweeten the soil. 25 lbs 3/3; 50 lbs 5/9; 100 lbs 9/6; 200 lbs 15/-; per 2000 lbs £5 10s.

Basic Superphosphate.—Per 25 lbs 3/3; 100 lbs 8/-; 200 lbs 12/6.

"Kudu" Degelatinised Bone Flour.—Analysis: Citric acid soluble phosphoric oxide 25.0 per cent., total phosphoric oxide 30.0 per cent., nitrogen 1.2 per cent., Lime 35.5 per cent. This is a very valuable fertiliser for all purposes and especially for garden work. 25 lbs 3/6; 50 lbs 6/-; 100 lbs 10/6; 200 lbs 18/6; 2000 lbs £7 10 0.

"Kudu" Precipitated Phosphate.—This is a highly concentrated Bone Phosphate, containing over 37 per cent. phosphoric oxide in a very soluble form. It is specially valuable for feeding purposes and as a fertiliser it is particularly useful when it is desired to apply phosphates without any nitrogen as usually found in ordinary Bone Meal, and apart from all other considerations it is a very economical fertiliser. Per 25 lbs 4/6; 100 lbs 15/-; 200 lbs 27/6; 2000 lbs £12.

Superphosphate.—A very soluble phosphatic fertiliser and very largely used by grain farmers but for gardening we prefer Basic Slag and Precipitated Phosphate. Per 25 lbs 3/3; 100 lbs 8/-; 200 lbs 12/6; 2000 lbs £4 15s.

Charcoal Dust.—Splendid as a sweetening agent, especially for plants in pots or tins. 25 lbs 2/6; 50 lbs 3/6; 100 lbs 5/-.

B.

Soil Inoculants.—"Farmogerm," "Stimugerm" and similar cultures are now largely used as a starter for the soil bacteria that cause the production of nitrogen nodules on the roots of leguminous plants. A distinct culture is used for each crop or, more correctly, group of crops. When ordering, state the crop for which it is required. Price: $\frac{1}{2}$ -bushel (large size), 4/- per bottle, post free.

Sulphate of Iron.—Price per lb 4d; 25 lbs 5/-; 100 lbs 15/-.

"Capex" Vegetable & Garden Fertiliser.—This is a highly concentrated mixture for general garden work. $2\frac{1}{2}$ lb pkts 1/6; 7 lb bags 3/-; 14 lb bags 4/-; 25 lbs 5/-; 50 lbs 8/6; 100 lbs 14/6; 200 lbs 26/-; 2000 lbs £12.

"Carmona" Plant Food.—Packed in convenient form for the small grower. Many gardeners swear by "Carmona" Plant Food. Price: 1 lb tins 1/-; 7 lb tins 4/3; 14 lb bags 6/9.

"Kudu" General Garden Fertiliser.—The ingredients are in correct proportion for general garden work. About 8 ozs. per sq. yard is a suitable dressing in the vegetable garden. 25 lbs 4/6; 50 lbs 7/6; 100 lbs 12/6; 200 lbs 22/6; 2000 lbs £9 5s.

Analysis: Phosphoric oxide soluble in 2 per cent. citric acid solution 10 per cent., total phosphoric oxide 12 per cent., nitrogen 4 per cent., potash 4 per cent., lime 16 per cent.

"Kudu" Grain Fertiliser.—100 lbs 10/-; 200 lbs 18/6; 2000 lbs £8 10s

"Kudu" Maize Fertiliser.—100 lbs 10/-; 200 lbs 18/6; 2000 lbs £8 10s.

"Kudu" Potato Fertiliser.—100 lbs 11/3; 200 lbs 21/-; 2000 lbs £9 10s.

"Kudu" Special Grass Fertiliser.—100 lbs 10/-; 200 lbs 18/6; 2000 lbs £8 10s.

All the above Fertilisers can be supplied in larger quantities at much Reduced Prices which will be quoted on application. B.

Lawn Sand and Weed Killer.

"Capex" Weed Killer (Lawn Sand).—Destroys the soft, annual weeds of lawns, while it stimulates the growth of the permanent grass forming the lawn. Per 5 lbs 2/6; 25 lbs 8/-; 50 lbs 15/-; 100 lbs 27/6.

"Kudu" Lawn Sand.—This is our own preparation for the destruction of weeds in lawns. It has a burning effect on the soft weeds but is beneficial to the harder, permanent grass. Per 5 lbs 1/6; 25 lbs 5/-; 50 lbs 8/6; 100 lbs 15/-. D.

Velvas

"I CAN SEE TO AN INCH WHERE I
HAVE USED VELVAS LAWN SAND."

So says a user. And it is true. There is a very decided dividing line between grass fed and cleaned with Velvas and grass just left alone. Velvas treated grass is a brilliant emerald green against the dowdiness of its neighbour. Such is the wonderful effect of Velvas Lawn Sand. It creates remarkable transformations in old and impoverished lawns and keeps good lawns in the finest possible condition.

$3\frac{1}{2}$ lbs 1/9; 7 lbs 3/-; 14 lbs 5/-; 28 lbs 8/-; 56 lbs 15/-; 112 lbs 27/6 D

POTTING SOIL.

			Per bushel	4 bushels
Specially mixed for	Ferns	...	3/-	10/-
Specially mixed for	Carnations	...	3/-	10/-
Specially mixed for	Chrysanthemums	...	3/-	10/-
Specially mixed for	General Purposes	...	3/-	10/-
	Leaf Mould	...	3/-	10/- D.

Insecticides, Fungicides, etc.

Arsenate of Lead Powder.—The right spray for Caterpillar, Codling Moth, etc. The powder form is about double the strength of paste. Per lb 1/9; 5 lbs 7/6; 20 lbs 27/-.

Auto-Shreds.—For fumigating conservatories, green-houses, etc. Per packet, No. 3, for 1,000 cubic feet, 1/3.

Black Leaf 40.—Nicotine sulphate for spraying fruit trees, shrubs, vegetables and flowers. Kills poultry lice—no dipping or dusting—just paint it on the perches. Per $\frac{1}{2}$ lb bottle 8/6; 2 lbs 18/6.

"Capex" Ant Poison.—Per pint tin 2/6.

"Capex" Bordeaux Mixture.—In powder form, 1/6 per lb; 8 lbs for 7/6; per case of 40 lbs 25/9.

"Capex" Mole and Vermin Fumigators.—Price 3d each, 2/- per doz.

"Capex" Nicotine, 8 per cent.—Per pint 3/9; per gallon 23/6.

"Capex" Resin Wash.—Per gal. 8/-; 5 gals. 31/6.

"Capex" Sulphur-Lime Solution.—An ideal winter spray for deciduous trees and a highly efficient sheep dip. Per pint 1/6; gallon 4/6; 5 gallons 16/6. Larger quantities, direct from the factory, quoted specially on application.

"Capex" Tobacco Dust.—Per lb 2/-; 9 lb drum 12/6.

Carbonate of Copper.—A fungicide in powder form for mixing with seed grain before sowing to prevent smut in wheat and other cereals. It may be used dry and 2 ounces will treat a bushel of seed. Per lb 2/-; 25 lbs 40/-; 100 lbs 135/-.

"Carmona" Spray.—A Summer spray, insecticide and fungicide. Dilution 100 to 1, directions on every tin. Per bottle 1/6; quarts 3/6.

Clift's Fluid.—The most scientific and effective preparation for the destruction of wireworms, slugs, grubs and all soil pests. It can be used at any time but is more especially for application during the growing season. The usual dilution is 1 part to 150 parts of water. Full directions accompany each container. Pints 2/3; quarts 3/6; $\frac{1}{2}$ -gal. 5/9; gal. 9/9; 5 gals 46/6.

Cyanogas.—A convenient dusting powder for the destruction of rats, mice, moles, ants and other vermin in their burrows and in buildings or in stacks of grain. A suitable powder blower is required for its application. Directions on the tin. Per 5 lb tin 11/6; 25 lbs 42/6.

Gishurst's Compound.—An old and reliable insecticide, recommended for Scale, Mealy Bug, Red Spider, Thrip, and Green and Black Fly (Aphis). For growing plants use 1 to 2 ozs. dissolved in a gallon of water. For dormant trees use 4 ozs. to a gallon. Price: 2/- per 14 oz. cake.

"Harbas."—For scale eradication. Pints 2/3; gal. 8/6; 5 gals. 32/6.

Katakilla.—A powder insecticide wash for Aphis of various kinds. It is harmless to the plant and non-poisonous, therefore most useful in the vegetable garden. Per 10 gallon pkt. 2/-; 50 gallon pkt. 5/6.

Kudu-Formal.—For washing seed grain to prevent smut. Per 1 lb bottle, packed for post, 3/- (postage 2/-). Per 1 gal. tin 12/6; $\frac{1}{2}$ gal. 7/3; 1 gal. jar 18/6; $\frac{1}{2}$ gal. jar 10/6.

Multiple Nicotine Wash.—Splendid Summer spray. Pints 2/9; $\frac{1}{2}$ gal. 6/-; gal. 10/-.

Multiple Winter Wash.—For use only when trees are dormant. This wash is unrivalled for cleansing fruit trees from moss and lichen, destroying fungoid spores, woolly aphids and hibernating insects and it effectively checks the ravages of canker. Quarts 2/6; gal. 6/-; 5 gals. 20/-.

“Nicona” Universal Orchard Spray.—A concentrated, refined oil emulsion, containing nicotine, for the spraying of fruit trees, ornamentals and garden plants generally. Pints 3/6; quarts 5/6; gal. 12/6.

“Ostico.”—For tree banding. Per $\frac{1}{2}$ lb 2/-; 10 lbs 31/6.

“Pulvex.”—Vermin Powder. For dusting dogs, cats, poultry, etc. Per 1 lb tin 2/9.

Soft Soap.—For making soap emulsion. Per lb tin 1/6; 2 lb tin 2/-.

Sulphur.—Ground rock sulphur for vines, also very useful remedy for mildew in roses. Per lb 6d; 12 lbs 3/6; 100 lbs 20/- . Large quantities quoted specially for delivery direct from the factory, 18/6 per 100 lbs.

USE

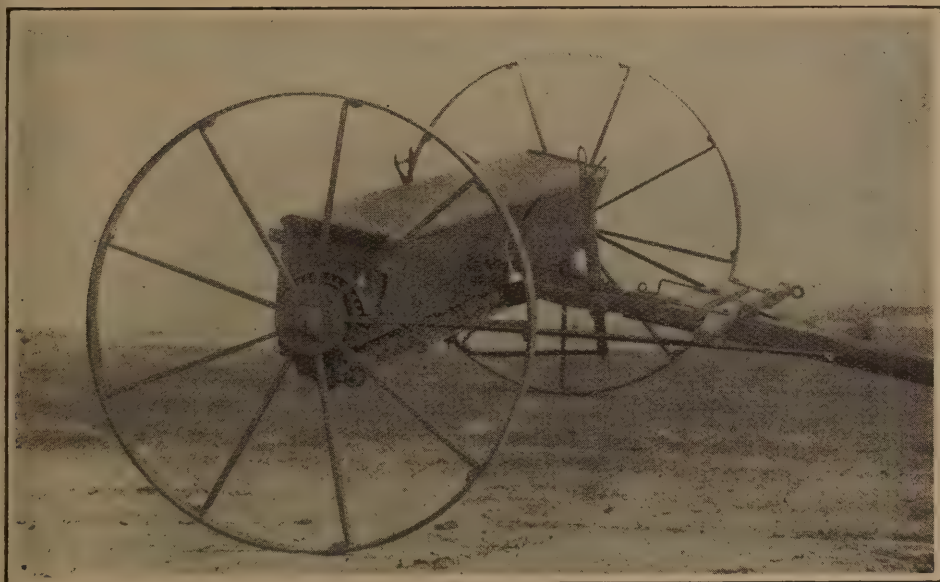
VOLCK

VOLCK CONCENTRATE**A Spray for Orchard, Garden & Nursery Pests**

VOLCK can be mixed with other spray materials such as Bordeaux Mixture, Arsenate of Lead and Nicotine Sulphate but **should never be mixed with Sulphur or any Sulphur compound, either in the spray tank or on the plants.**

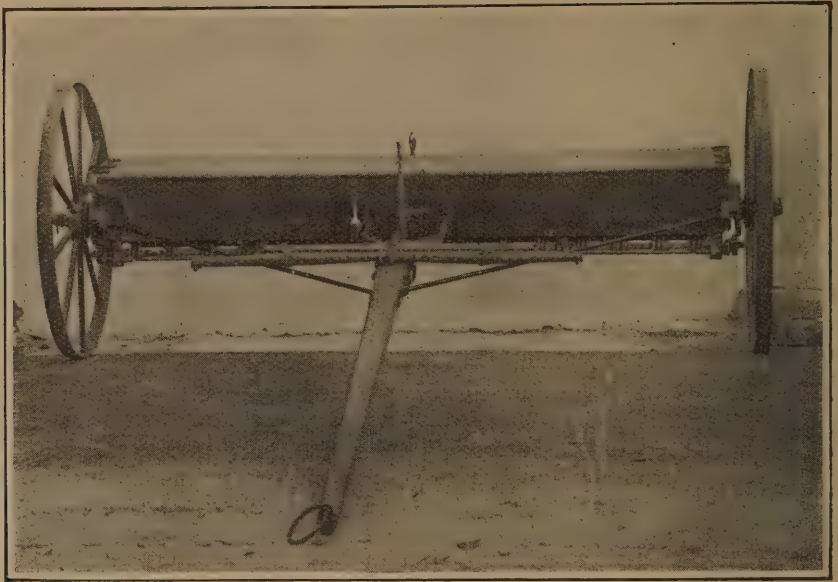
Price: Pints 3/-; quarts 5/-; per gallon 12/6.

The “Kudu” Manure Distributor.



The “Kudu” will evenly distribute all classes of Artificial Manure, such as: **Basic Slag, Superphosphates, Government Guano, Ground Lime, Raw Phosphates, Dissolved Bones, Nitrates, Sulphate of Ammonia and Potash**, as well as Mixtures; and, as may be desired, light and heavy dressings may be given.

The "Kudu" Manure Distributor—continued.



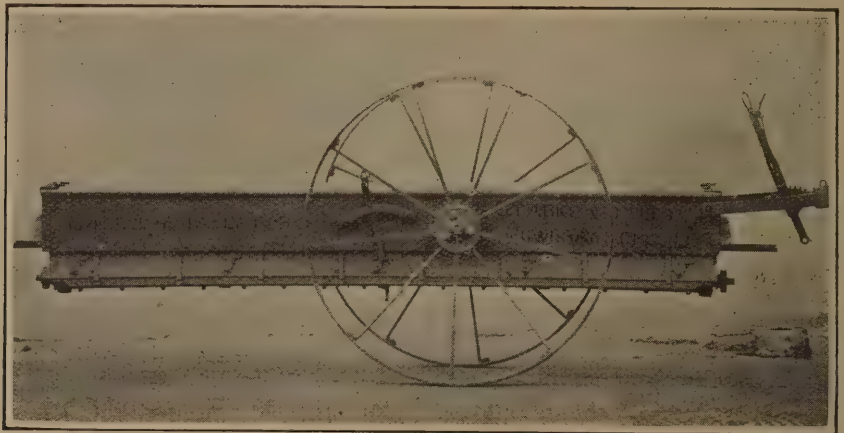
Weight approximately 650 lbs.

Covering width, 9 feet.

Fitted with Steel Wheels.

The Manure Outlet is low and near the ground, a valuable feature when the work is being carried out on windy days.

Owing to the variation in the density of Manures, the only certain means of ascertaining the quantity sown per acre is to note the weight of quantity put into the box before starting, then by measuring the ground covered when the box is empty.



This photograph shows the machine fitted for transport.

Price { To sow 9ft. wide, fitted with Steel Wheels, and Lever to adjust Machine for work on hilly land (including Transport Attachment) } £31 10s.

c.

Less 5 per cent. Dis. for Cash.

IRON KING

FARM AND GARDEN TOOLS

"IRON KING" STEEL FRAME SEEDER.



Thousands of these drills are in use to-day. Get one and let it pay for itself in time and labour-saving.

Price: £3 12s. 6d.

E.

The Iron King Seeder No. 4 is a masterpiece in implement construction. It has fewer parts and is less complicated than any other seeder. At the same time, being made of steel, it is practically indestructible and will last an ordinary lifetime. Large growers employing inexperienced labour choose this seeder because of its unusual simplicity. They know that once the Iron King Seeder is set up for a job, the machine can be turned over to a new hand and the results are going to be completely satisfactory. That's because it is practically impossible to make an error with this implement—it's so easy and simple that a child can handle it.

The adjustable V-shaped shoe, which originated with the Iron King, makes it possible to sow seed in a straight line and at a uniform depth.

Labour-saving is not the only advantage to be derived from the use of IRON KING Tools, nor is it the principal advantage—in fact, you need not discharge a single labourer when you buy an IRON KING Implement because it will enable you to do the work better and more regularly and you will have bigger and better crops in return for your investment; you will make a big cabbage grow where a small one grew before!

"IRON KING" SINGLE WHEEL CULTIVATOR No. E42.

One of the most popular
tools used by American
growers. Have you yours?

Price: 37/6

This one is the most popular of all the Iron King Implements. Made strong enough to withstand hardest usage and give years of service.

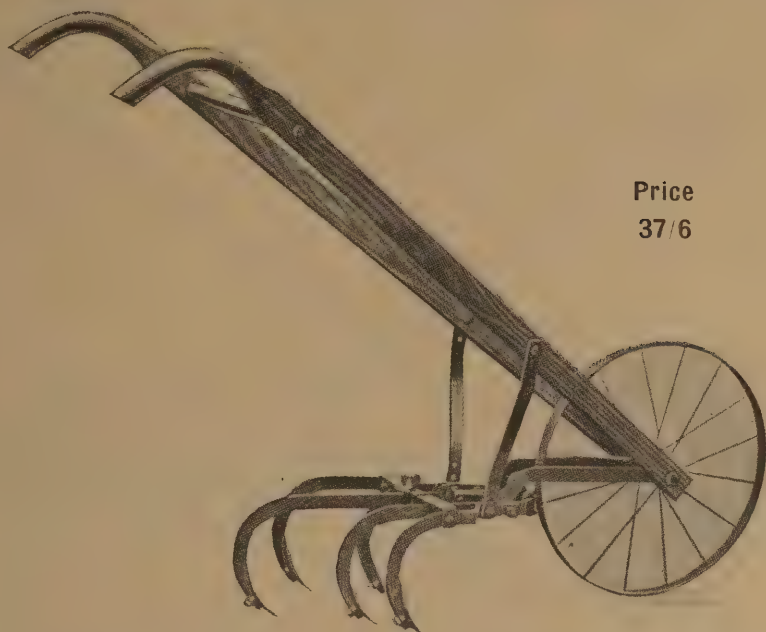
NEW TYPE "IRON KING" SINGLE WHEEL HOE No. E13A.

The wise grower never
overlooks an opportunity
to increase his crop.

Price: 27/6.

Every person who owns a garden, no matter how small, should have this tool. A wide range of uses saves its cost in a short time. It is extremely durable, yet light in weight.

THE "SKABOO" CULTIVATOR.



Price
37/6

A Regular Cultivator just like the big ones only built so that it pushes easily by hand.

Teeth are real cultivator teeth—detachable, reversible and adjustable to any width from 10in. to 16in.

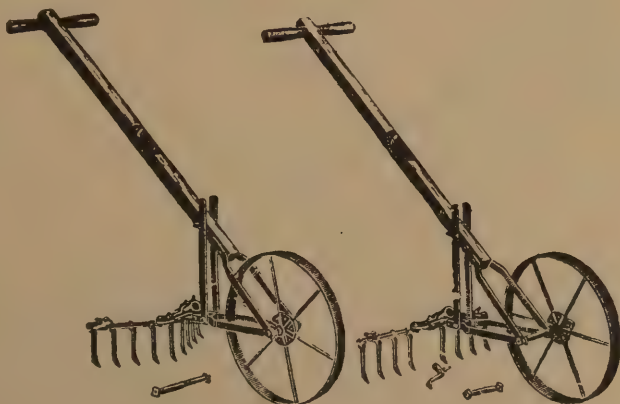
It has a big stout steel wheel which makes it run easily.

Handles are adjustable to make the teeth cut any depth and they do a real cultivating job.

E.

Weight 21 lbs.

THE "ADJUSTABLE" CULTIVATOR.

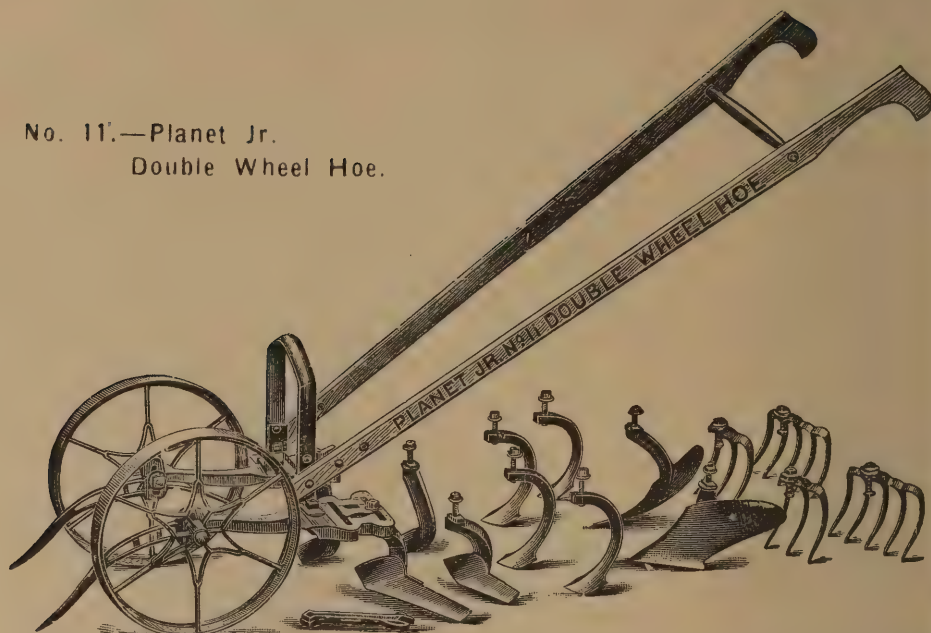


This handy cultivator can be arranged for working between the rows or for straddling the row, as shown above. The alteration is a very simple matter.

Price complete with wheel, etc., as illustrated above, 12/6. D.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

No. 11.—Planet Jr.
Double Wheel Hoe.

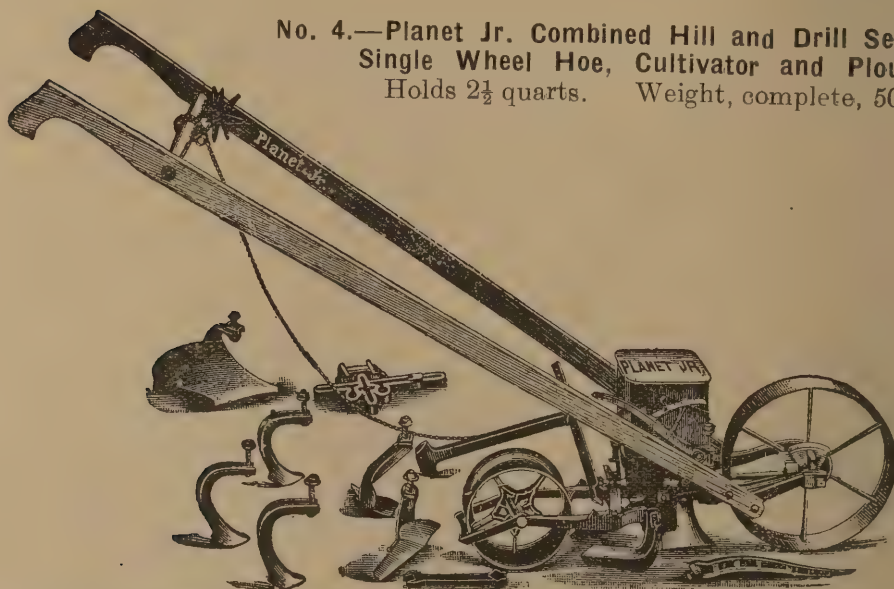


Nos. 11, 12 and 13 wheels and frames are alike, but the tools supplied with each vary. No. 11 has the attachments shown in the illustration. No. 12 has no rakes and one pair hoes only, otherwise as illustrated. No. 13 has 1 pair hoes and no other tools.

Prices:

				Packed Weight
No. 11	...	...	65/-	37 lbs
No. 12	...	...	52/6	32 lbs
No. 13	...	...	39/6	28 lbs

No. 4.—Planet Jr. Combined Hill and Drill Seeder.
Single Wheel Hoe, Cultivator and Plough.
Holds $2\frac{1}{2}$ quarts. Weight, complete, 50 lbs.



An accurate hill-dropping seeder. A continuous row seeder. D.
An admirable single-wheel hoe. A splendid single-wheel cultivator.
An excellent furrower. A rapid and efficient wheel garden plough.
Price: as illustrated, £4 0 0

No. 16.—Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plough.



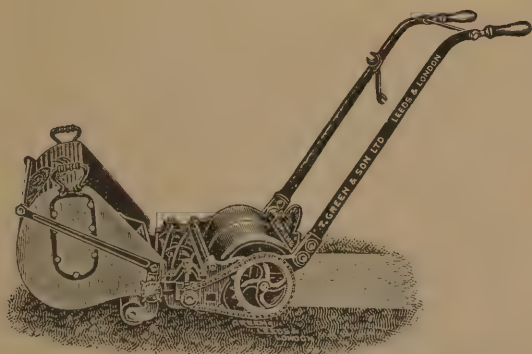
We offer these Single Wheel Hoes as the highest type of their class. They have an assortment of tools which adapts the implement to a large variety of work, and there is scarcely any garden culture of which they are not capable.

Nos. 16, 17, 17½ and 18 wheels and frames are alike, but the tools sold with each vary. Thus the No. 17 is not supplied with rakes, the No. 17½ has neither rakes nor plough; whilst the No. 18 has only two hoes and no other tools. D.

Prices:

					Packed Weight
No. 16	...	...	...	40/-	29 lbs
No. 17	...	...	...	35/-	26 lbs
No. 17½	...	...	...	32/6	22 lbs
No. 18	...	...	...	30/-	20 lbs

GREEN'S "SUPREME" LAWN MOWER.



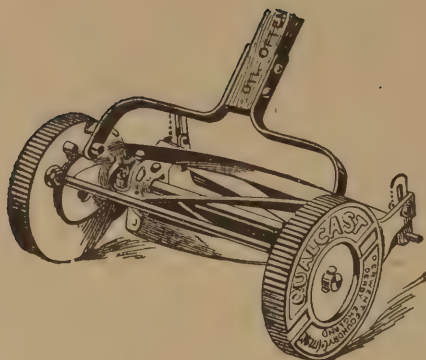
The "Supreme" Mowers are Green's latest Model and a great improvement on the older types. They are fitted with Ball Bearings, have rounded edge drums and many other refinements, including Single Screw Adjustment on the bearings of the Cutting Cylinder and a new arrangement to alter quickly the length of cut. They are

very light running, practically noiseless, and give a fine even surface. Prices: 10 inch cut £9 10s. 12 inch cut £11. 14 inch cut (close cutting for Bowling Greens) £13 15s.

All less 5 per cent. discount for Cash with Order.

Spare Parts Stocked.

B.



MODEL
H.

The
"QUALCAST"
Lawn Mower
Model H.

Cuts 12 in. wide.

Price: £2 12s. 6d.

With Ball Bearings 10/- extra.

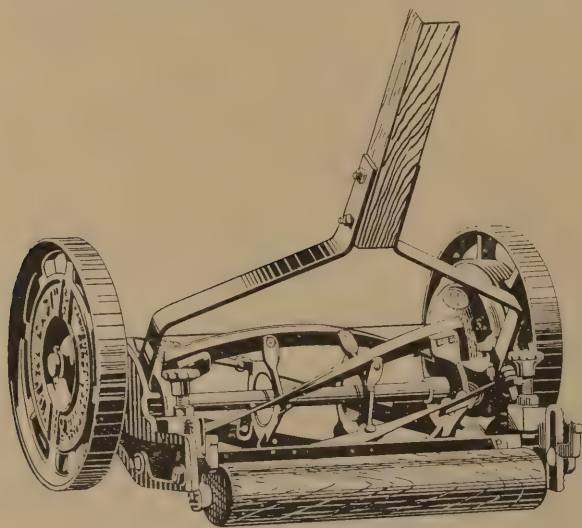
Grass Box 12/6 extra.

SPARE PARTS STOCKED.

D.



Hand Wheel Adjustment for Bottom Blade is an exclusive feature on "QUALCAST" "K" and enables adjustment to be made at any time with the minimum of trouble. The blades are thus easily kept in contact and the full advantage gained of the self-sharpening features of the design.



Model K.

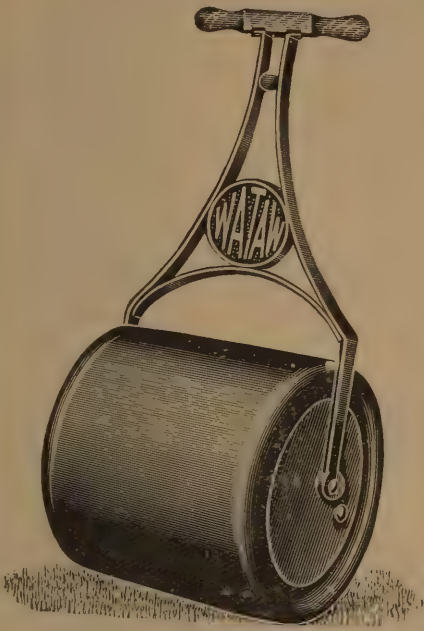
The "QUALCAST" "K" has ball bearings of the cup and cone type on the vital parts (viz.: the revolving spindle carrying the rotary blades), the hardened steel cup being pressed into the side plate and the hardened steel cone floating on the spindle being held in position by a spring to make the bearings self-adjusting and the blades self-aligning.

Price: As illustrated, 16in. cut, £5. D.

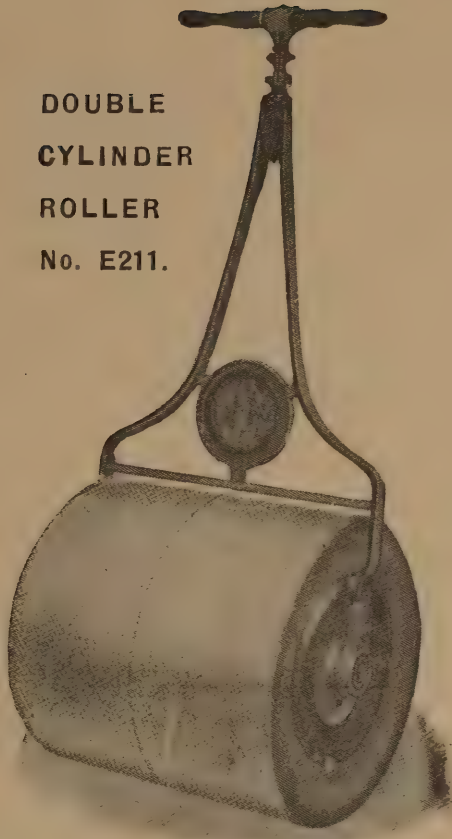
Five per cent. can be deducted if Cash is sent with Order.

IF IN DOUBT WRITE TO STARKE'S.

GARDEN ROLLER.
THE "WATAW"



DOUBLE
CYLINDER
ROLLER
No. E211.

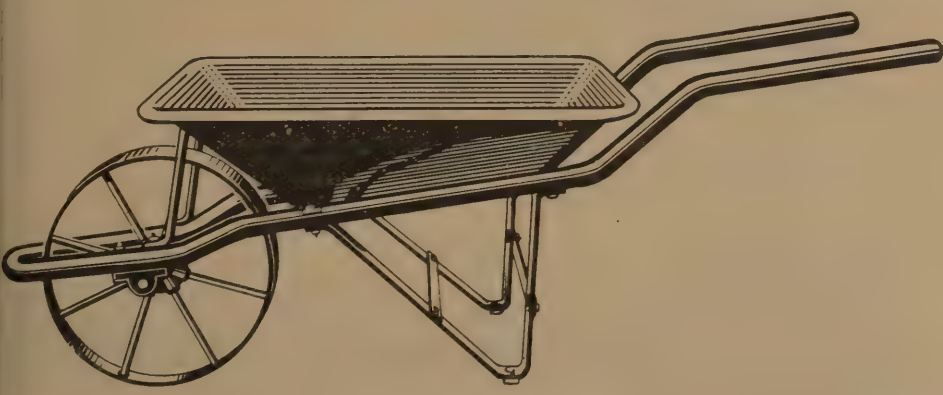


Adjustable with Water or
Sand Ballast up to about

Weight	Size	Price
200 lbs	16in. x 16in.	63/-
250 lbs	18in. x 18in.	75/-
300 lbs	18in. x 20in.	87/6

D.

24in. x 24in. 588 lbs.
Price: £10 10s.

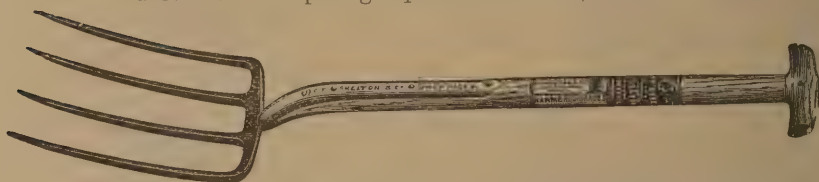


ALL STEEL WHEELBARROW, No. D1.
Price 32/6.



THE "HANDY" LADIES' FORK.

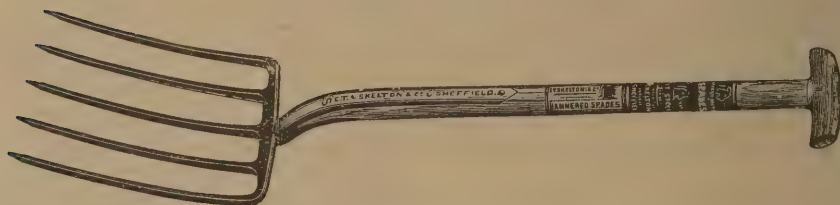
No. F54. 4-prong $5\frac{3}{4}$ in. x 9in. 4/- each.



SKELTON'S CAPE FORKS, No. D4024.

Best Cast Steel.

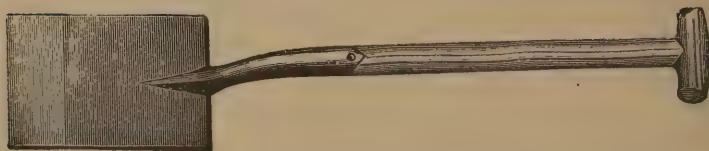
Size 2. 4-prong 8in. x 13in. 5/9 each.



SKELTON'S CAPE FORKS, No. D4025.

Best Cast Steel.

Size 3. 5-prong 9in. x $13\frac{1}{2}$ in. 7/- each.

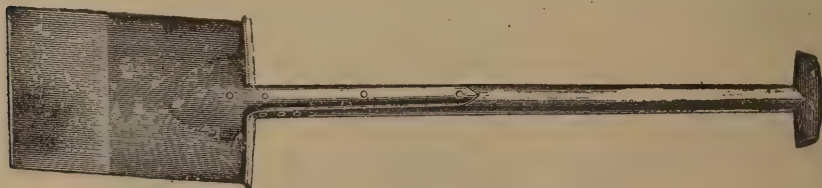


THE "HANDY" SPADE

Best Cast Steel.
Size 3, $8\frac{1}{2}$ in. x $12\frac{1}{2}$ in.
Turnover Treads.
Price 3/6 each.

THE "HANDY" LADIES' SPADE

F. Same quality.
Lighter Pattern.
Size 0, $6\frac{3}{4}$ in. x 11in.
Price 3/- each.

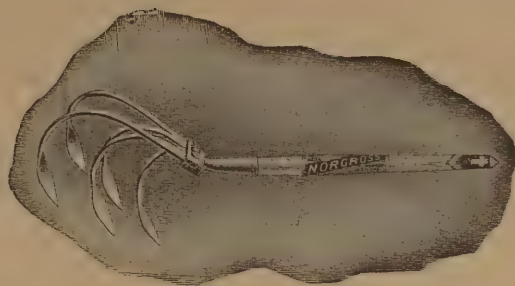


PARKES' CAPE SPADES.

"Diamond Steel"
No. D 355
Price 6/3 each.

"Argyle & Co." Quality
No. D 355a
Price 5/9 each.

"NORCROSS" HAND GARDEN CULTIVATORS.



No. 55 Hand Cultivator.

Five Detachable Spring Steel Prongs with forged Shovels—attached to Malleable Head with (4) standard $\frac{1}{4}$ in. bolts.

Malleable Ferrule (with handle) can be disconnected and by use of **Norcross** Universal Connection (supplied extra when desired), the Cultivator-head can be attached to standard makes of wheel plows. (An exclusive **Norcross** feature—patented).

Handle, finest quality, 4 feet long, waxed and belted finish, richly labelled.

Metal Parts Black, with Silver bronzed shovels.

Price 5/3 each.

Spare Prongs 9d each.

No. 33 Hand Cultivator.

A modification of the 5-prong, in size, weight and price with same quality and finish.

Has 4ft. high grade handle, 3 Detachable Steel Prongs, and weighs only 2 lbs.

Cultivates between very narrow rows, is light enough for women who garden, and costs no more than the common hoe. Price, 4/- each. Spare prongs 9d each.



No. 11 Midget Weeder.



Same Construction, Quality and Finish as the 3-prong Cultivator-Hoe, but smaller, has 9in. handle.

Designed for cultivating Gardens, Flowers, Small Shrubby, etc., where close hand work is required. It is supplied at a low price and outclasses all other cheap

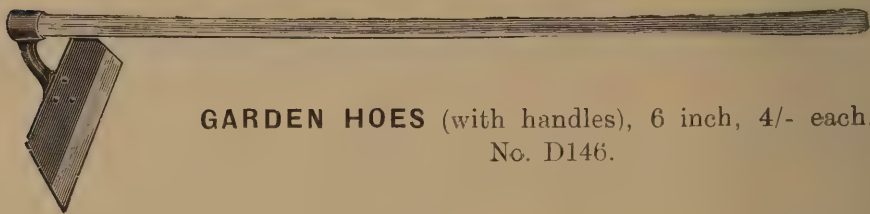
malleable weeders. Its weight is only 12 ounces. Price, 2/6 each. Spare prongs 6d each.

DUTCH HOE.



No. EF49. Solid Steel, stamped, fitted with neatly finished handle. A first class implement. English make.

Price: 6in., 5ft. handle, 3/3.
8in., 5ft. 6in. handle, 3/6.



GARDEN HOES (with handles), 6 inch, 4/- each.
No. D146.

WEEDING FORK.



FF25. Solid Steel, Self Colour and Red, 1/6 ea., postage 6d.

GARDEN TROWELS.



FF6—6in. 1/- each. Postage 4d.

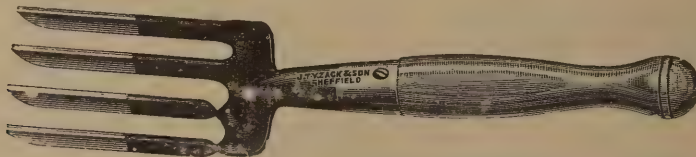


FF8—6in. 1/2 each. Postage 4d.



FF088—6in. 1/2 each. Postage 4d.

WEEDING FORK.



FF27. Solid Steel, Self Colour and Red, 1/9 each, postage 6d.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.



GARDEN RAKE No. F4199.

This splendid rake is strongly made and thoroughly reliable. It is a well finished article and the only thing about it that is cheap is the price.

13in. 12-teeth 2/6 each

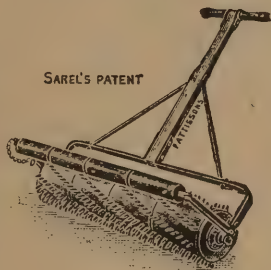
8½in. 8-teeth 2/- each

Complete with 5-foot handles

Spare handles 1/3 each.

SAREL'S PATENT SPIKED ROLLER.

COMM. HILLYARD, R.N., The All England Lawn Tennis Club, Wimbledon, writes 'The Sarel Roller is invaluable for aerating the ground. It saves an enormous amount of labour and is most beneficial to the turf. I should be very sorry to be without such a valuable implement.'



SAREL'S PATENT

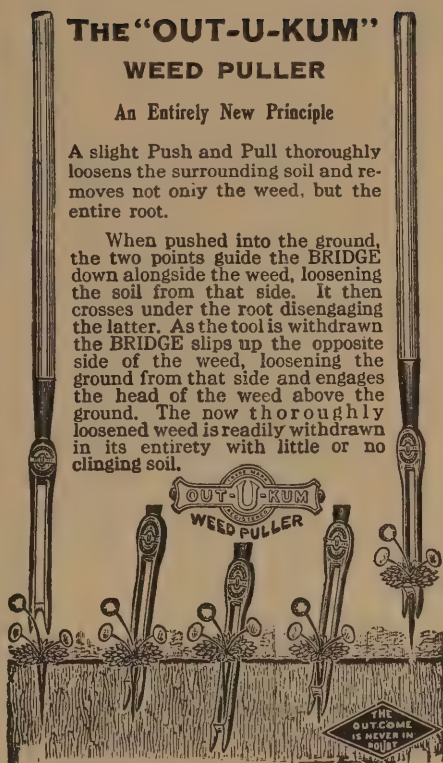
We have one of **SAREL'S PATENT SPIKED ROLLERS** in stock. It was shipped to us by mistake. Normally the price would be £13 10s. The first cheque for £9 gets it!

THE "OUT-U-KUM" WEED PULLER

An Entirely New Principle

A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the entire root.

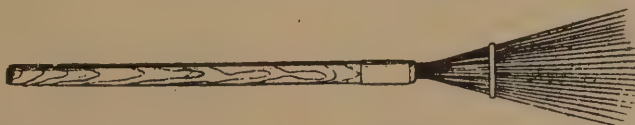
When pushed into the ground, the two points guide the BRIDGE down alongside the weed, loosening the soil from that side. It then crosses under the root disengaging the latter. As the tool is withdrawn the BRIDGE slips up the opposite side of the weed, loosening the ground from that side and engages the head of the weed above the ground. The now thoroughly loosened weed is readily withdrawn in its entirety with little or no clinging soil.



Price 4/- each.

F.

WIRE BROOM (Patent).



The very thing for sweeping leaves off the lawn and garden paths.

Everlasting wear, made of the best spring steel wire. Especially useful for yards, gardens, stables, etc. For all purposes where hard or rough work is required.

Price: No. B1, 2/9 each. No. B2 size, 3/9.

ALUMINIUM PLANT LABELS.

The latest and best Horticultural Label, made in aluminium throughout and wired ready for use. The writing is done with an ordinary lead pencil and is imperishable.

F.

Price: Per doz. 3/-; per 100 21/-.



The "Apache" Mill will grind successfully all dry grains such as mealies, wheat, rice, coffee, etc. It grinds rapidly, and may be adjusted to turn out a fine or coarse sample. The Grinding Plates may be taken out for cleaning or replacing without difficulty, and the Handle is adjustable for shorter or longer leverage. The Fly Wheel is so constructed as to give the maximum of momentum with the minimum of weight.

The "Apache" Mill will save its cost in a very short time on any farm, or in any household where grain is ground. E.

Weight, 31 lbs

Price, 40/-

Spare Grinding Plates, 5/- pair. Main Spindle 5/-.
Hopper Frames, 5/- ea

"Tennessee" Grinding Mill.



The "Tennessee" is a small but exceedingly useful Grinder. It can be adjusted so as to produce either coarse or fine meal, and can be readily fixed in almost any position by means of clamps.

Weight, 12 lbs.

Price 17/6.

Spare Grinding Plates, 5/- pair.

D.

"Black Hawk" Mealie Shellers.

The "Black Hawk" is a low-priced machine which lasts and does its work well. It is all a farmer requires for shelling mealies for home use. Its bearings are long and thoroughly chilled, and it is largely made up of malleable iron parts, rendering breakages unlikely. The machine is simple and easily adjusted, and its construction is such that it cannot choke or clog.

Weight, 15 lbs.

Price, 17/6.

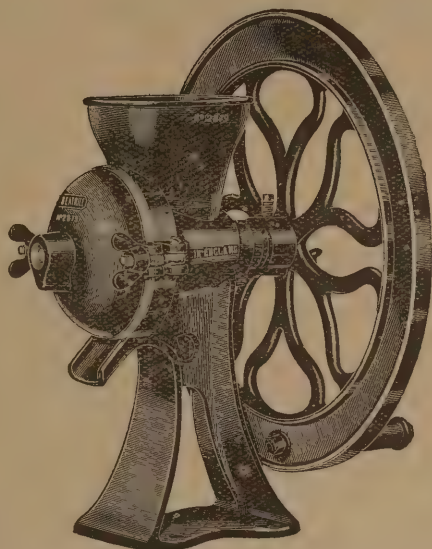
D.



THE "BEATRICE" BONE-GRINDING MILL.
No. F2879.

Nett Weight
Complete,
as illustrated
55 lbs.

Diameter
of
Hand Wheel,
18½ inches.



Inside
Measurements
of Hopper:
Diameter, 6 in.
Depth, 5½ in.

Fitted with
Extra Hard
Metal Cutters.

AN IDEAL MACHINE FOR THE POULTRY FARMER.

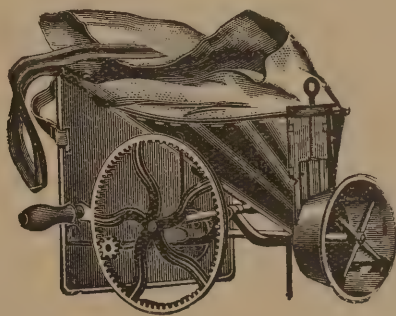
This Mill will granulate Small Dry Bones, Broken Oyster Shells, Grit, Old Crockery, Glass, Charcoal, Corn, and all sorts of Grain.

Price: 60/-. Less 5 per cent. for Cash with Order.



The Cyclone Seeder

For Cereals and small seeds
15/- each
D.



Cahoon Broadcast Seeder

For sowing Cereals, Lucerne,
Rape and similar seeds
22/6 each

D.



POWDER BLOWERS for
INSECTICIDES.

No. F250a. "Midget," 7½ in. x 2½ in., 1/3 each, postage 4d.

No. F251. Stronger type, brass spout, 10 in. x 4 in., 3/- ea., postage 6d.

The "MYSTO GEM"

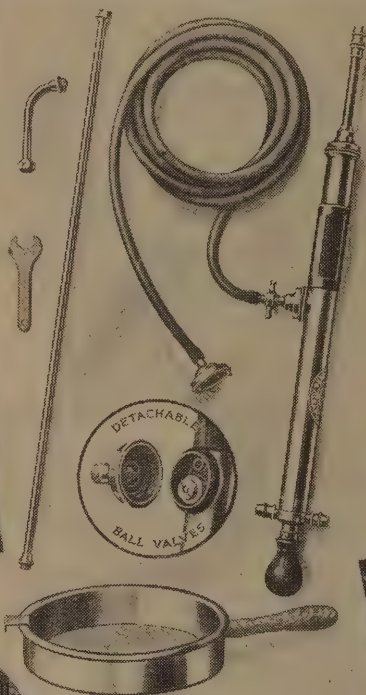
ALL PURPOSE SPRAYING OUTFIT



SPRAYING FRUIT TREES

SPRAYING EGGS TO
SOFTEN MEMBRANESPRAYING STOCK AGAINST
FOOT & MOUTH DISEASE

SPRAYING CREOSOTE ON PENS

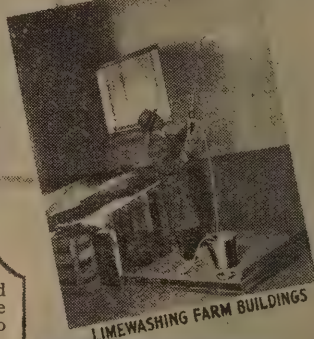


OUTFIT COMPRISES.—All Brass double action spray pump, polished and lacquered. Ten foot of Hose and Strainer connected to pump by cap and lining. One Limewashing and one Spraying Nozzle, also Plain Jet Two foot polished and lacquered brass Lance. Swivel Connection Angle Bend. All Metal Strainer and Spanner.

35/- complete as illustrated.

DIRECTIONS FOR USE.—All liquids should be put through strainer before being used. Work plunger rod until spraying commences, and then continue pumping slowly. About a dozen strokes are necessary to draw the air out of the hose into the air chamber before a continuous spray is obtainable.

There are only two valves in the sprayer, both easily detachable for cleaning.

DESTROYING GREEN FLY
ON ROSE TREESDISINFECTING DOGS AND
OTHER ANIMALS

LIMEWASHING FARM BUILDINGS



DISINFECTING FOSTER MOTHERS

Spares: Extension lances 3/6; Nozzles 3/6 each, 9/- per set of 3.
Sieves 8/- each.

F.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

THE "FOUR OAKS" KNAPSACK SPRAYER No. D101.

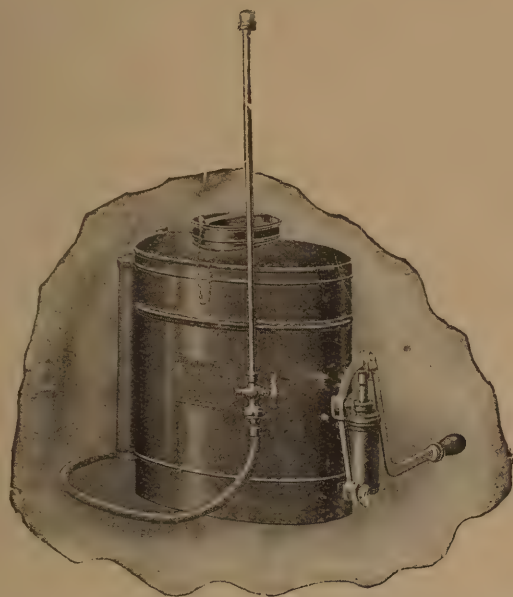
Weight 14 lbs.

Capacity about $3\frac{1}{4}$ gallons.

The Simplest and yet the Best Knapsack Sprayer ever produced

A Child can work it.

The only Machine with Force behind the Spray.



The Container is made entirely of Copper, and the Pump of Brass

Unlike other Machines, there are absolutely no parts to get out of order, and consequently the "Four Oaks" Knapsack will last 10 times as long as any other.

There are no Rubber Valves in the "Four Oaks" to perish, and all working parts are outside and easy to get at.

Either a very fine, medium, or coarse spray can be obtained, and thick fluids such as Bordeaux Mixture are effectively discharged.

A most important feature of this Machine is the **agitating or mixing of the fluids.** With every stroke of the Pump, a powerful jet is forced from the bottom of the Container, so that all mixtures are **evenly distributed.**

Price, complete with Single "Four Oaks" Patent Spraying Nozzle, also Single Swivel Spraying Nozzle and Short Brass Tube, with Stopcock, together with 3 feet length of India Rubber tube, as illustrated.

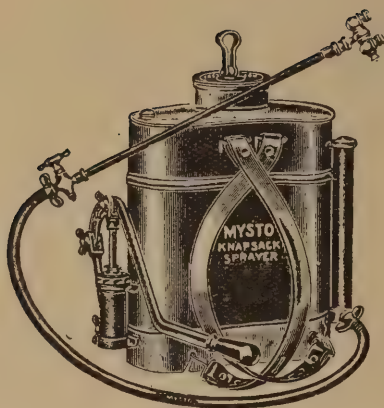
Price: £6.

Spare Parts for "Four Oaks" Knapsack Sprayer.

Brass Spraying Arm and Tap	...	...	12/- each.
3 ft. Rubber Tube with Unions	...	...	6/6 each.
Strainer	...	...	6/- each.
Spanner	...	...	2/6 each.
Pump Plunger with Piston Rod and Fittings	...	...	10/- each.
Brass Cap for Cup Leather	...	...	1/- each.
Leather Washers	...	...	1/- per set.
Double Swivel Nozzles	...	...	15/- each.
Spraying Tip for Nozzle (fine, medium and coarse)	...	...	1/- each.
Blank Cap for Nozzle	...	...	1/- each.
Shoulder Straps	...	...	7/6 pair.
Pump Lever Handle	...	...	5/6 each.
Oil-dressed Pump Leathers	...	...	4/- pair.
Rubber Band for Lid	...	...	3/- each.
Wing Nut	...	...	9d each.
Lid for Container	...	...	11/6 each.
Top Cap and Stuffing Box	...	...	5/- each.

"MYSTO" KNAPSACK SPRAYER With External Pump.

No. E5, Tinned Copper.



Price: £5 5s.

Less 5 per cent. for Cash with Order.

For using corrosive liquids such as Liver of Sulphur or Lime and Sulphur.

The container or tank is made of tinned copper, and the pump, valve box, air chamber, and fittings are all of brass.

Each Knapsack Sprayer is complete with brass strainer, steel spanner and special double swivel nozzle for potato spraying, etc.

39in. of best quality Spraying Hose with cap and lining on each end, into which is screwed lance complete with tap, is supplied with each Sprayer.

THE "TORPILLE" DOUBLE ACTION KNAPSACK POWDER SPRAYER.

Powder Capacity 22lb. Weight 15lb.

This machine, which is exceedingly easy to work and more easy to control than the fan type, gives a continuous distribution of powder, as it has double acting bellows.

Each Sprayer is supplied with two 17½ inch lances; extra lances 17½in. long which can be attached to those supplied with the machines, 1/6 each.

A Special Double Outlet Lance for spraying two rows of potatoes or other ground crops is made; Price 8/6 each.

Price: £3 3s.

E.



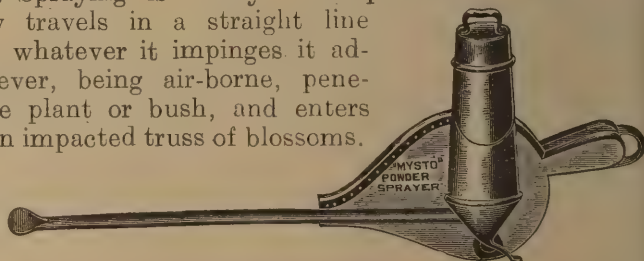
"MYSTO" HAND BELLOWS SPRAYERS.

For Greenhouse Work, Rose Gardens and Ground Crops.

The system of Dry-Spraying is vastly more penetrative than wet spraying. A wet spray travels in a straight line from the nozzle, and on whatever it impinges it adheres to. Powder however, being air-borne, penetrates all portions of the plant or bush, and enters even a curled-up leaf or an impacted truss of blossoms.

Price 11/6.

No. F10.



FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

"LADYWOOD" SPRAY PUMP.**No. D38.**

This double-action Pump gives continuous spray and will throw a solid stream of water thirty to forty feet.

It is the ideal all-purpose Hand Sprayer, its field of utility being practically unlimited.

Most useful for spraying trees, vines, potatoes, and any ground crops; also for whitewashing and disinfecting purposes.

The Pump is made of brass with solid brass ball valves, complete with 3½ feet of suction hose and heavy iron strainer that keeps the hose from working out of bucket or container. Three nozzles supplied with which the operator is able to get any variety of spray necessary.

Price with 15 inch extension lance—22/6

Spare Cup Leather for Plungers 6d each.

Spare Nozzles (3) 4/6 per set.

Spare Extension Lances with curved tips, 3/- each.

Balls for Valves 6d each.

Rubber Tubes 7/6 each. Inside Tubes 4/9 each.

ALPHA HYDRO-PNEUMATIC SPRAYERS.

Winners of 18 Gold and Silver Medals in Two Years.



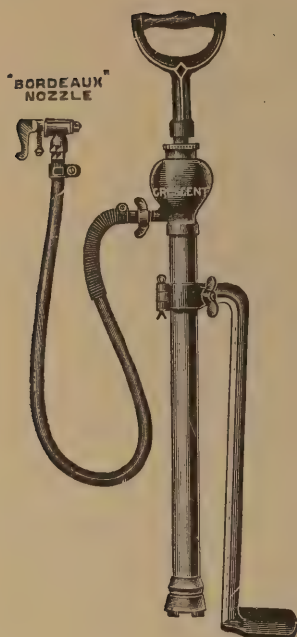
The Alpha No. D3 Hand Sprayer is an ideal garden and greenhouse machine. The air is compressed in the sprayer by means of an ordinary cycle foot pump and this method should appeal to all because of its simplicity and the consequent lack of intricate parts. The reversible spraying arm allows the spray to be directed up or down as required. The spray itself is extremely fine and issues from the machine with considerable force.

Alpha No. D3 Sprayer

Complete with foot pump and strainer funnel.

Special Price £1 10 0.

FOR BEST RESULTS SOW STARKE'S TESTED SEEDS.

"CRESCENT" SPRAY PUMP.**No. D33.**

We have no hesitation in stating that the
Improved "Crescent" Pump
is the best on the market for destroying Locusts
and for spraying Vines, Fruit Trees, etc.

Every Pump Tested and Guaranteed.

Pumps are double-acting giving continuous spray,
are made of brass with solid brass ball valves,
suction or strainer is detachable, and hose is con-
nected on to pump with cap and lining, the latter
being held in hose by hose clip.

Price 25/- each.

Spare Bordeaux Nozzles 5/6 each.

Spare Tubes—1/- per foot.

The
"IRON ARM"
No. D1.
BUCKET SPRAYER
Makes Spraying Easy.



Fitted with Patent
"SPRAYS EVERYWAY"
NOZZLE

Price 30/- complete.

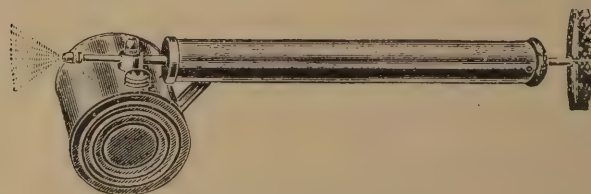
Spare Tubes and fittings, 10/6 each.

Tubes without fittings, 4/- each.

Bordeaux Nozzles, 5/6 each.

Wick for packing plunger, 6d. per oz.

CONTINUOUS SPRAY ATOMISER No. F19.

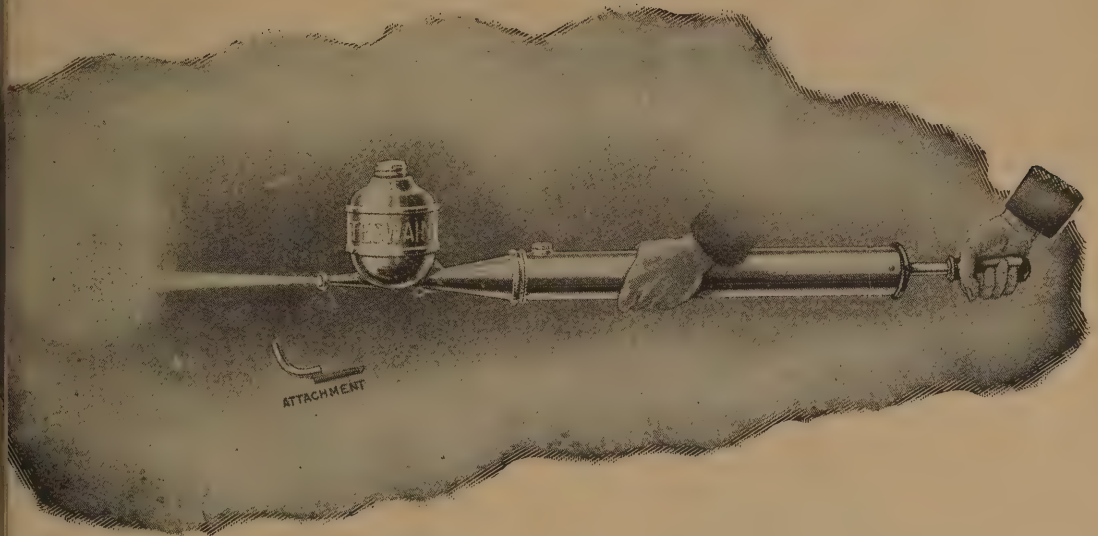


Capacity, 1½ pints.

Supplied with two Spray Nozzles, one for straight spraying and the
other for angle spraying to get underneath leaves, etc.

Plain Tin Plate, 7/6 each.

THE "TESWAIN" HAND POWDER BLOWER.

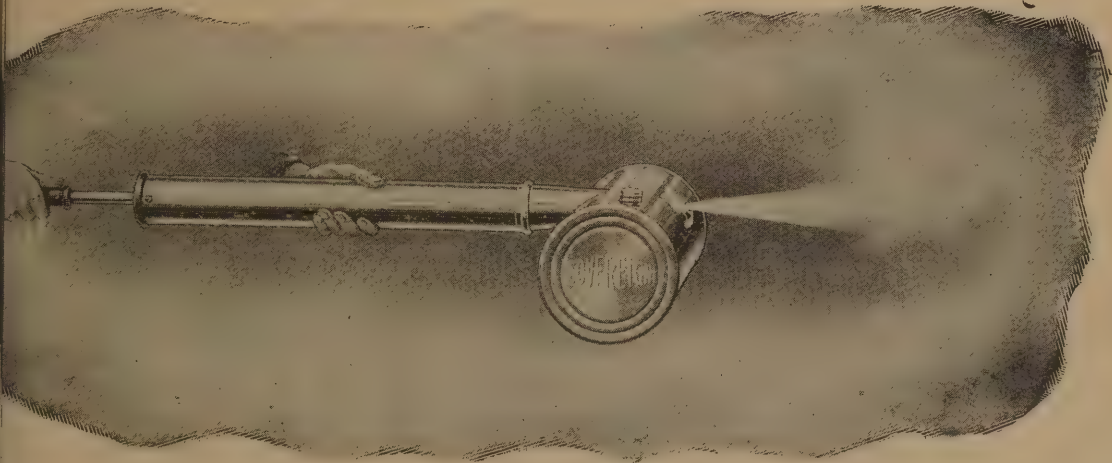


For **Dry Spraying** with Sulphur, Soot, Lime, Tobacco Powder, Bordeaux Powder, etc. Also for distributing Powder Disinfectants, etc.

Made in Japanned Tinplate. Capacity, 1 lb of Powder. A Funnel for filling is supplied with each blower. Spare Valves 1/6 each. F.

Price, with attachment for directing spray upward, 10/6 each

THE "SOVEREIGN" SPRAYER.



For spraying Liquid Insecticides and Disinfectants for Horticultural, Domestic and Hospital use. F.

Prices: Galvanized, 5/- each; Brass, 10/6 each. Postage 1/6.

BRASS TAP UNIONS.

For attaching Garden Hose to High Pressure Taps (Caps and Linings). To fit $\frac{1}{2}$ -inch taps 1/3 each. To fit $\frac{3}{4}$ -inch taps 1/9 each. Postage 4d. F.

THE MULTIPLE BOTTLE SPRAYER.

(Fits an ordinary bottle).

Essential in Every Home

The Multiple Bottle Sprayer provides the means of establishing a splendid system of sanitation throughout the house.

The construction of the Sprayer is of our usual standard, the very best only of materials and labour being employed. It is of heavy nickel-plated finish, and the working of the Sprayer is undoubtedly a considerable improvement on the original German type, since the pump is double acting, the spray being continuous on both upward and downward strokes.

Among its many uses can be numbered:

Disinfecting in Houses or Dance Rooms. etc.

Perfume Spraying.

Insecticide Spraying.

Floral Watering, etc., etc..

Price: 3/6 each. Postage 4d.

D.



MULTIPLE GARDEN SYRINGES.



A.A. Type.

The above illustration shows Type A.A. It is supplied with Patent Multiple Nozzle, one rose, jet and drip protector. Made in three sizes as follows:—

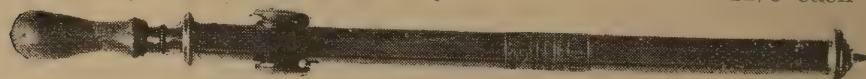
A.A. 141	...	14 in. x 1 in.	...	10/6 each
A.A. 181	...	18 in. x 1 in.	...	11/6 each
A.A. 181 $\frac{1}{4}$	...	18 in. x 1 $\frac{1}{4}$ in.	...	12/6 each F.



A.B. Type.

The Multiple A.B. is supplied with Patent Multiple Nozzle, one rose and one jet, as illustrated.

A.B. 181	...	18 in. x 1 in.	...	10/6 each
A.B. 181 $\frac{1}{4}$	...	18 $\frac{1}{4}$ in. x 1 $\frac{1}{4}$ in.	...	11/6 each F.



A.E. Type.

The Multiple A.E. Syringe possesses two roses and one jet. The special Multiple Nozzle is not supplied with this model.

It is essentially a quick filler and commands a large sale.

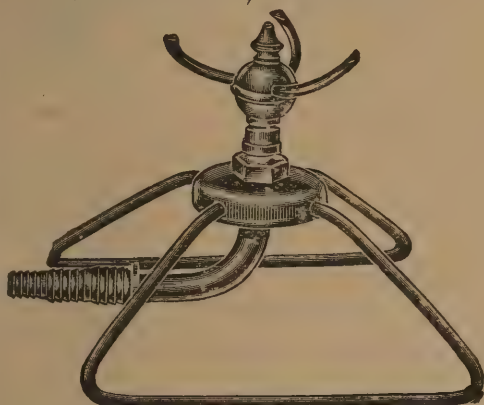
A.E. 201 $\frac{1}{4}$	...	20 in. x 1 $\frac{1}{4}$ in.	...	9/6 each
A.E. 201 $\frac{1}{2}$	...	20 in. x 1 $\frac{1}{2}$ in.	...	10/6 each F.

BRASS GARDEN SYRINGE.



No. F98/2. 1½ in. x 16 in. Fine and Coarse Rose and Jet.
Price 7/- each. Postage 1/-.

"SLED" REVOLVING LAWN SPRINKLER, No. F591.

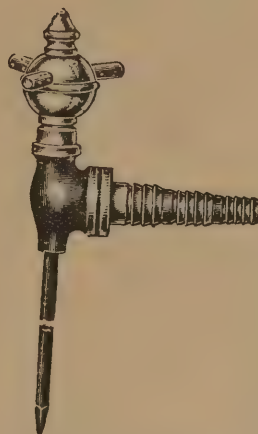


Nickel-plated Brass Head on iron sled base, which can be dragged across the lawn without damaging the turf.

Brass connection tapered to take ½ in., ⅝ in., and ¾ in. Hose.

Will throw a spray 20 to 30 feet in diameter, well saturating the ground.
11/6 each. Postage 1/6.

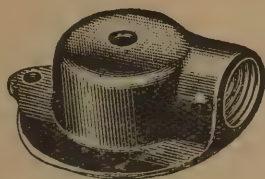
"DEW" REVOLVING LAWN SPRINKLER, No. F589.



This well-known pattern needs no recommendation.

Nickel Plated Brass with Iron Spike, connection tapered for ½ in., ⅝ in. and ¾ in. Hose.
6/- each. Postage 1/-.

THE "C.B.G." SPRINKLER.

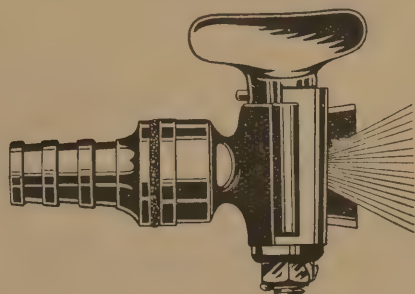


Built on the well-known principle of the tangential spray. The C.B.G. (cheap but good) is deservedly very popular on account of the low price. Diam. 4 in., 1½ in. high, ¾ in. connection. It is interchangeable with the "Mysto" Spray Nozzle. Price: 2/6 each. D.

THE "EPE" SPRAYING NOZZLE

For your Garden Hose.

Price: ½ in. 5/-; ¾ in. 6/- each.



“MYSTO” SPRAY NOZZLE.
No. F602.



With connection
for $\frac{1}{2}$ or $\frac{3}{4}$ inch Hose.
(When ordering please
state size required).

The “Mysto” Hose Nozzle can be adjusted to give a fine, medium or coarse spray, and when not in use can be completely shut off. When the straight stream is turned on a full volume of water is obtained.

Price 4/- each.

Postage 6d.

“MYSTO” LAWN SPRINKLER

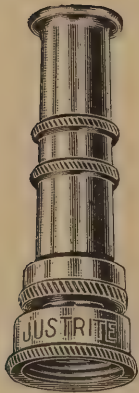
No. F592.

This is No. 602 Hose Nozzle giving a variation of Spray.

Mounted on Brass Body and Iron Spike, with connection tapered for $\frac{1}{2}$ in., $\frac{3}{8}$ in. or $\frac{3}{4}$ in. Hose.

6/3 each.

Postage 1/-



“JUSTRITE” SPRAY NOZZLE.

Complete with Rubber Washer.

Heavy Cast Brass

In the Justrite Nozzle the spray is formed by a brass point coming down into the stem. It is made of solid brass heavy, and graceful in appearance.

The Justrite gives a fine or coarse spray, solid stream and complete shut off.

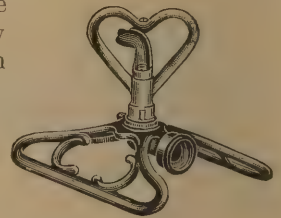
No. F85. $\frac{3}{4}$ -inch. 3/- each.

“BUSY” SPRINKLER.

One of the best distributors of water on the market. We have learned from experience that any sprinkler that revolves, works more satisfactorily when mounted on a low base rather than when elevated.

Under 30lbs pressure at the hydrant, a “Busy” Sprinkler will cover a circle 44 feet in diameter, distributing the water uniformly and equally.

No. F51. $\frac{3}{4}$ -inch fitting. Price 6/-.



ENGLISH HOSE FITTING.



No. F3538.

Will fit $\frac{1}{2}$, $\frac{5}{8}$ or $\frac{3}{4}$ inch hose. Made with $\frac{3}{4}$ inch hose pipe thread.

Price 2/- each.

GARDEN CITY SPRINKLER.

The Garden City Sprinkler in two heights, 13 inches as illustrated, also 26 inches is now being furnished to meet the demands for a taller sled-mounted sprinkler.

$\frac{3}{4}$ inch connection.

No. F52.

Price: 13 in. 7/6 each.

26 in. 9/- each.



SHOWER BATH SPRAYER.

For General Use in the Home, Hotels, Shops, Sports Clubs, Factories, Public Baths, etc.



A real drenching spray, most pleasing in effect.

Twenty times as economical in water consumption as the ordinary Shower Rose.

Always in working order, and being substantially made will last a life-time.

Variation of spray obtainable according to water pressure, regulated by the supply tap.

Nickel Plated Brass.

No. F2321. Threaded for $\frac{3}{4}$ inch iron pipe, 7/6 each.

THE MULTIPLE (PATENT) WATER CAN.

The Features of this Can are as follows:—

1. The Roses are a fixture and cannot be lost.
2. The Control of the Sprays is in the Jet Tube.
3. The Sprays can be operated by one hand.
4. The Jet is closed by a screw cap.

The combination of the 2 Roses and 1 Jet in one permanent fitting to the delivery spout obviates the possibility of loss or damage to the distributing units.

The Can is always complete whenever it is required for use.

It is so constructed that there is no necessity to lay the can down when it is desired to change the method of distribution.



Special Reduced Prices.

D

2	3	4	6	Quarts
6/6	8/6	10/6	15/-	each

GALVANIZED WATER CANS**No. D1.**

Light quality, with copper face rose.

1½ gallons 7/3 each.

2 gallons 8/- each.

2½ gallons 8/9 each

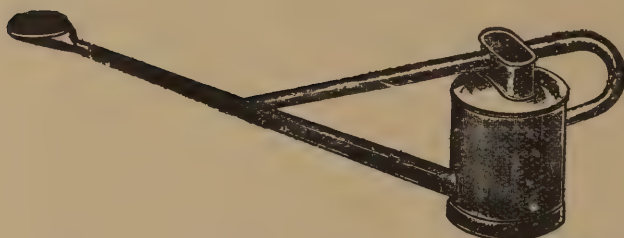
Spare Roses 2/- each.

No. D3.

Best quality with patent all copper rose.

1½ gallons 10/3; 2 gallons 11/-; 2½ gallons 11/9.

Spare Roses 2/6 each.



**Improved
GARDENER'S
WATER CAN**

Correct Pattern for Seed
Beds and General Use.

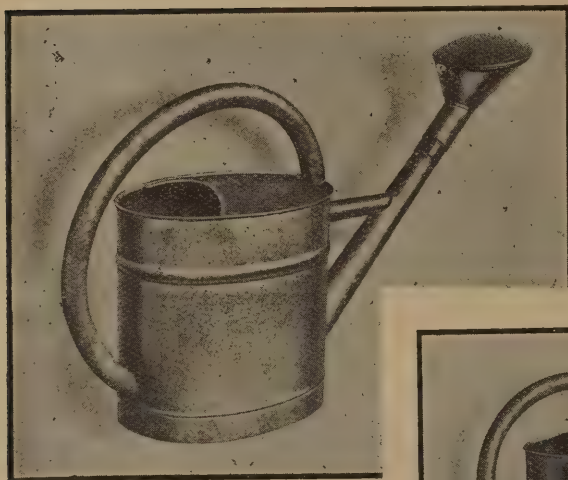
1 gallon 16/6 ea.

2 gallons 18/6 ea.

E.

Supplied with two roses—different patterns.

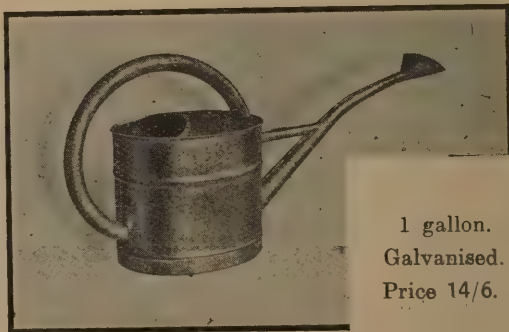
Extra roses 4/6 each.



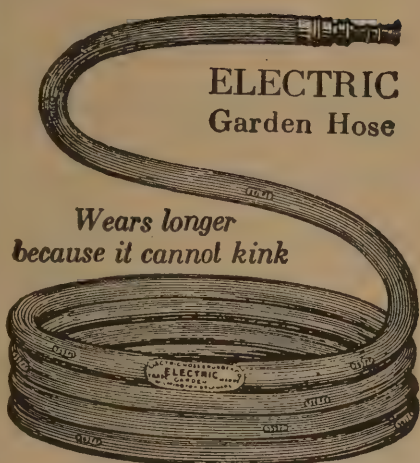
2 gallons.
Galvanised,
Price 20/-

D.

**The
"DRESDENSIA"
WATER CAN.**



1 gallon.
Galvanised.
Price 14/6.



ELECTRIC
Garden Hose

*Wears longer
because it cannot kink*

$\frac{7}{8}$ -inch "Electric" Hose
1/2 per foot.

$\frac{1}{2}$ -inch "Electric" Hose
11 $\frac{1}{2}$ d per foot.

BUY
ELECTRIC
GARDEN HOSE

IT IS THE HIGHEST GRADE
MADE AND THOUGH IT COSTS
MORE IT IS CHEAPER BE-
CAUSE IT LASTS LONGER.



D.

UNKINKABLE "MYSTO" HEAVY BLACK RIBBED HOSE.



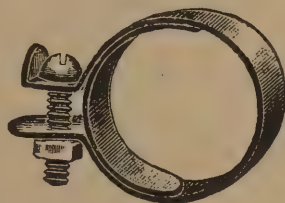
Price: $\frac{3}{4}$ in. 9d per foot; $\frac{1}{2}$ in. 7 $\frac{1}{2}$ d per foot.

D.

FLEXIBLE BRASS HOSE CLIP. No. F613.

For securing Fittings in Hose.

$\frac{1}{2}$ -in. 3d ea. $\frac{3}{4}$ -in. 4d ea. Large $\frac{3}{4}$ -in. 5d. ea.
Postage 2d.



HERCULES

HOSE REPAIRERS.

Price: For $\frac{1}{2}$ in. Hose 8d each.

For $\frac{3}{4}$ in. Hose 9d each.

Postage 2d.

F.



FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

SECATEURS.

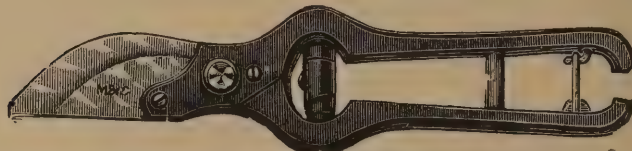


No. F222. All bright steel,
with clequered handle.
Price: 8in. 3/-. Postage 6d.

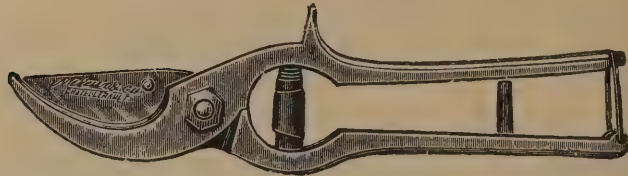
No. F223. All bright steel
with horn grips.
Price: 8in. 4/-. Postage 6d.



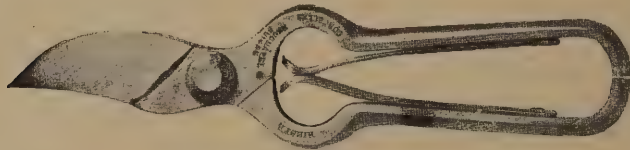
F400. 9in. long. Splendid value.
Price 3/3. Postage 6d. Spare Springs 6d. each.



F378. 9in. long. Black, heavy B Spring. Price 4/-. Postage 1/-.
Spare Blades 2/-. Springs 6d each.



F325. 9in. long. Bright, superior quality. 10/6 each. Postage 1/-.
F325. 8in. long. 9/6 each. Postage 6d.
Spare Blades 2/6. Spare Springs 6d.

**Genuine Rieser's Make.**

8½in. long. Bright, narrow pointed blade
specially suitable for pruning Vines.

Price 13/6 each. Postage 1/-.
Spare Blades 4/- each.

D.

GRAPE AND FLOWER SECATEURS.



No. F222a.

1/- each, postage 4d
9/- per doz., postage 1/-.



No. F211.

2/- each, postage 4d.
18/- doz., postage 2/-.

F6122

BUDDING KNIFE.

Ivory Handle.
Price 6/- post free.

F8890

GRAFTING & PRUNING KNIFE.

Stag Horn Handle.
Price 8/6 post free.

F2408

PRUNING KNIFE.

Pressed Horn Handle.
Price 6/- post free.

THE IXL PRUNING KNIFE.



No. FB178. Price 4/9. Postage 3d.

THE "UNIQUE" PRUNING AND
BUDDING KNIFE, F261.



Price 4/9. Postage 6d.

BUDDING KNIFE.



English make. Finest quality
blade.

F5078. Price 6/- ea., post free.



No. F30A. Price 4/6 post free.

BUDDING KNIFE.

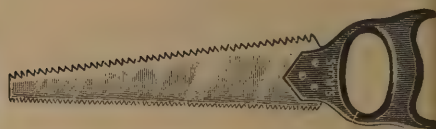
No. F31A. For Roses—same price.

CURVED PRUNING SAW.



No. F0286. Price 2/3. Postage 6d.

DOUBLE EDGED PRUNING SAW.



F96. 13½in. blade. 4/6. Postage 6d.

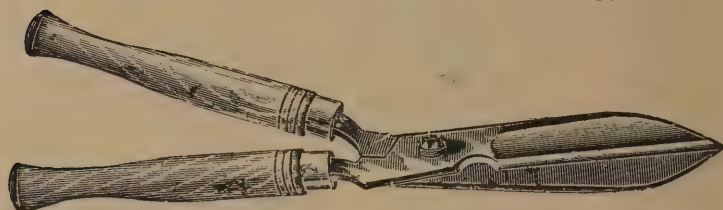


GARDEN SHEARS

No. E215½. 8in. Heavy pattern. With wing nut. Tanged & notched.

Price 5/- . Postage 2/-.

SOLID STEEL GARDEN SHEARS.



No. E169. With pruning notch. 10in. blade. Price 9/6. Postage 2/-.

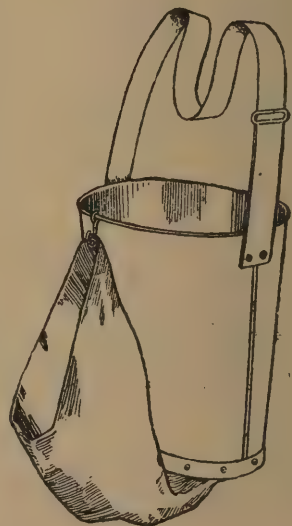
"ARTON'S" PATENT FRUIT GATHERERS.

A stiff flexible metal bucket, with attached canvas trunk, caught through eyelet to hook at front, same to be released when bucket is full of fruit, to enable fruit to pass gently through trunk into receiving box or basket. Fitted with a regulated shoulder strap, for the convenience of different size boys. Specially made to gather all hard fruits, such as Oranges, Lemons, Apples, Pears, Apricots, Nuts, etc.

H. E. V. Pickstone, Esq., writes "As a result of thorough tests, 'Arton's' fruit buckets are superseding all other fruit gatherers on my farms, for both citrus and deciduous. I strongly recommend them!"

Price 8/- each or 80/- per dozen.

Nett F.O.R. Rosebank. Packing Free.
Can be railed at Agricultural Implements Rate.
B.





CHAPLET WREATHS

in Dome Glass Cases
Best quality only—all
porcelain flowers.

- 8in. 18/6 each
- 10in. £1 6s. 6d. each
- 12in. £2 each
- 14in. £2 18s. 6d. each
- 16in. £4 7s. 6d. each

Packing extra
F.

WIRE
PROTECTION COVERS

to fit over the Dome Glass
Cases. For 8 in. 6/-;
10 in. 7/-; 12 in. 8/6.
14 in. 10/-; 16 in. 12/6
B.

OPAL TABLETS.

Plain 1/6 each; Printed 2/6 each; Specially Printed 3/6 each
F.

WREATHS
and
CROSSES
of
CAPE
EVERLASTINGS
in
Choicest Designs

Wreaths	Posted
10 in. 7/6	10/-
12 in. 10/6	13/-
14 in. 12/6	15/6
16 in. 15/-	18/-
18 in. 21/-	24/-
20 in. 25/-	Too large for post.

Crosses	Posted
15 in. 10/6	13/-
18 in. 15/-	18/-
20 in. 20/-	23/6
22 in. 25/-	Too large for post.

Special Wreaths.

30/-, 42/-, 63/-, 84/-,
105/-

E.



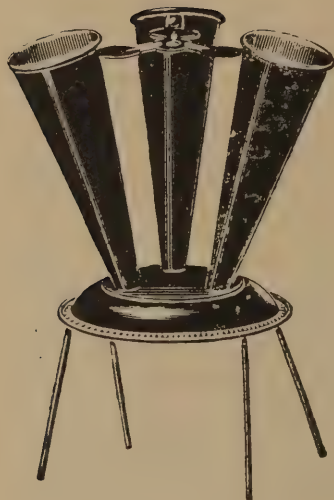
**SINGLE SPRAY VASE**

Japanned Green

Gold Tipped.

Price 1/9.

E.

**3 SPRAY VASE.**

With Folding Legs.

Rivetted Stays.

Price 2/6.

**THE "HENLEY" STAR VASE.**

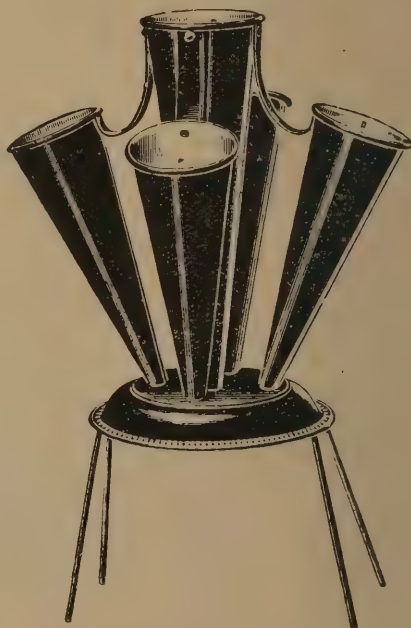
No. F1010.

Japanned Green.

Made from one piece of material.

Impossible to leak.

Price: 1/9 each.

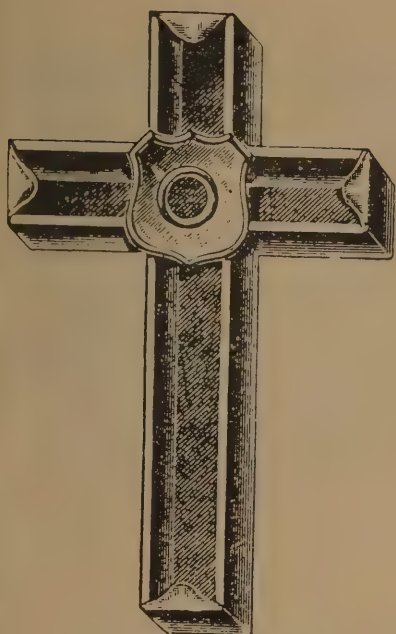
**5 SPRAY VASE.**

With Folding Legs.

Rivetted Stays.

Price 4/6.

E.



OPEN CROSS.

24in. x 2in. x 2in.	5/-
21in. x 2in. x 2in.	3/6
18in. x 1½in. x 1½in.	3/-
15in. x 1½in. x 1½in.	2/9
12in. x 1½in. x 1½in.	2/6

E.

LESTER VASE.

With Folding Wire
Legs. Loose Wire
Top. Japanned
Green. Gold Tipped
Price: 2/6.

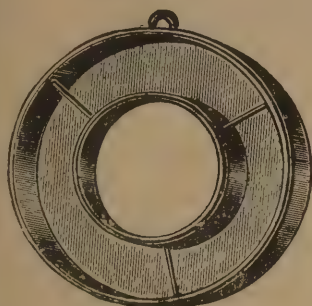
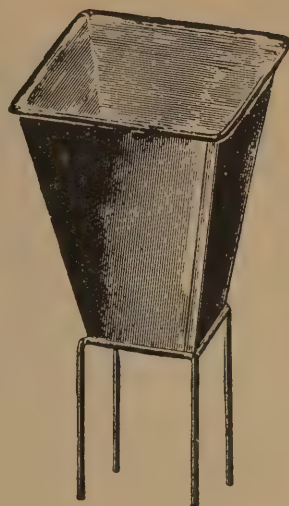
E.



SQUARE VASE.

With Folding Legs
and
Loose Wire Top.
Price: 2/6.

E.



ZINC TROUGHS.

Wreath Shape.

10 inch—5/6 each.

12 inch—7/6 each.

16 inch—9/6 each.

E.

FLORIST'S WIRE.

Blue annealed, 20 S.W.G., 7 in., 9 in., 12 in., in 7 lb parcels

Price. Per lb 1/-; 7 lbs 5/6; per case, 112 lbs, 62/6.

Wiped Galvanized Annealed Bottling Wire for Bouquet work. 14 in.,
22 S.W.G., in 7 lb. parcels. F.

Price: Per lb 1/3; 7 lbs 7/-; 112 lbs 85/-

FLOWER POTS.



"Bamboo" Bulb Bowl.
Bronze Green and Heliotrope
(Self Colours)
Price: 7in. 3/-, 9in. 5/- each.



"Bamboo."
Bronze-Green and Heliotrope
(Self Colours)
Price: 5½in. 1/3, 6½in. 2/3,
7½in. 4/6 each.
Height:
4½in., 5½in., 6½in. respectively.



Flower Holder.
Self Green Colour only supplied.
Height 7in. 6in.
2/- 1/6 each.

F.

**THE "CAPSTAN"
CEMETERY VASE.**

Firm as a Rock.

The bottom is specially weighted and the Vase is thereby rendered stable and steady in the roughest weather.

Effective and Economical.

The Grid at the top makes it possible to secure a very effective display with quite a small quantity of flowers.



Made in best quality Denby Stoneware.
Glazed Dark Green.
Price: 5/6 each. E.

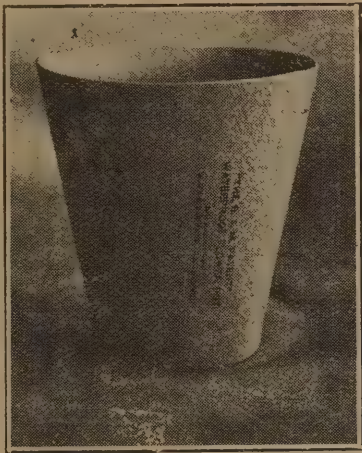
TERRA COTTA FLOWER POTS.



Internal Diameter	Ea.	doz.	100
3 in. (Sankey's)	3d	2/9	17/6
4 in. (Sankey's)	5d	4/6	30/-
5 in. (Sankey's)	7d	5/6	37/6
6 in. (Sankey's)	1/-	10/6	85/-
7 in. (Sankey's)	1/9	18/-	140/-
7 in. (Local)	1/3	13/-	100/-
8 in. (Local)	1/9	18/-	130/-
10 in. (Local)	3/3	36/-	250/-
12 in. (Local)	5/6	60/-	—

F.

WATERPROOF FIBRE-BOARD POTS.



Specially adapted to the growing of soft-wooded plants from seeds or cuttings, notably Sweet Peas, Dahlias, Chrysanthemums, Carnations and Tomato Plants. Being made of strong waterproof board, terra cotta colour, they are smart in appearance and if carefully handled can be used a second or even a third time.

F.

2½ in. 1/6 doz; 7/6 per 100.
3 in. 1/6 doz; 8/6 per 100.
4 in. 1/9 doz; 11/6 per 100.
"Long Tom." 2½ in. diam.,
6 in. deep. 1/9 doz; 10/6
per 100.

CARNATION BANDS.

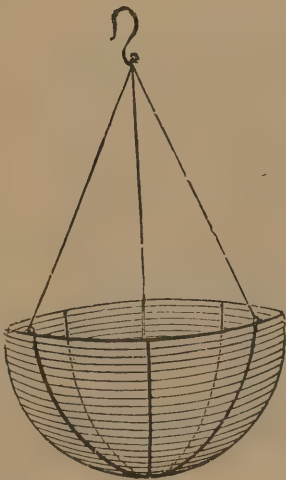
Best Grey Rubber.
Per oz. 1/6; per lb 17/6.
F.

GAVIN'S GRAFTING WAX.

Superior Quality.
4½ oz 1/9; 17½ oz 5/-; 35 oz. 7/9
F.

FERN BASKETS

Price:
10 in. and 12 in.
1/6 each 2/-
10 in. with frills 2/-
12 in. ,, 2/6



WALL BASKET
10 in. with frills 2/-

B.

BAMBOO CANES.

	2 ft.	3 ft.	4 ft.	5 ft.	6 ft.	
Weight, lbs	3-4	4-6	12-14	24-26	28-32	per 100
Price	6d	8d	1/-	1/9	2/-	per doz.
„	2/-	2/6	5/-	10/-	12/-	per 100

F.

HEAVY CANES FOR DAHLIAS, ETC.

5-ft.	Per dozen	3/-	per 100	21/-
6-ft.	Per dozen	3/6	per 100	25/-

F.

ROOIKRANS PEA STICKS.

4ft. and 5ft. lengths in bundles of 50 for 2/9; 100 for 5/- D.

WOODEN GARDEN LABELS.

Price per 100	5 in.	6 in.	8 in.	10 in.	
Heavy quality	4/6	5/6	6/-	10/6	F.

RAFFIA FIBRE.

We stock the best quality only, supplies are now available.

Raffia (Natural colour only).—Per lb 1/9, 5 lbs at 1/7½, 25 lbs at 1/6, 100 lbs 1/4½, and in bales of 220 lbs at 1/3 per lb. D.

BAST FIBRE.

An excellent substitute for Raffia in Nursery Work, Grafting, etc. Price: Per lb 9d, 28 lbs at 6d, Bales (224 lbs) at 5d. D.

BULB FIBRE.

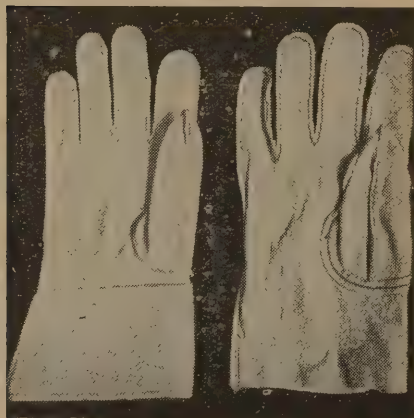
Specially prepared for growing Bulbs indoors. Daffodils and Hyacinths can be easily grown in shallow bowls containing this Fibre which must be kept just moist but not too wet during the growing period. They may be started as early as February and you will be surprised how soon they will flower. Bring them close to the light when leaf growth has well started. D.

Bulb Fibre.—Per lb. 9d.; 12 lbs. at 8d.; per sack 25/-.

GARDENER'S PENCILS.

Woolf's Best, 6d each, posted for 8d; 5/6 per dozen, posted for 6/-.

D.

**GARDENING GLOVES**

Ladies'
with stiff gauntlet
5/- per pair

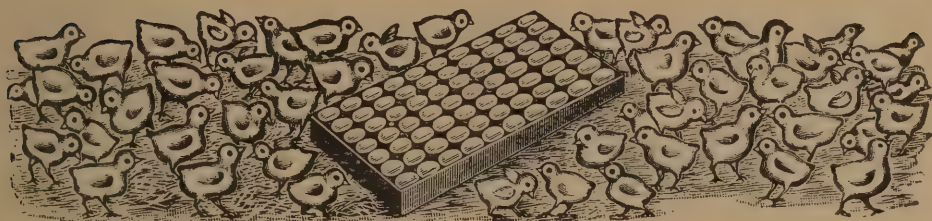
Large size (small men's) 6/-.

Men's
Medium Weight
5/- per pair

F.

Moe's Incubators

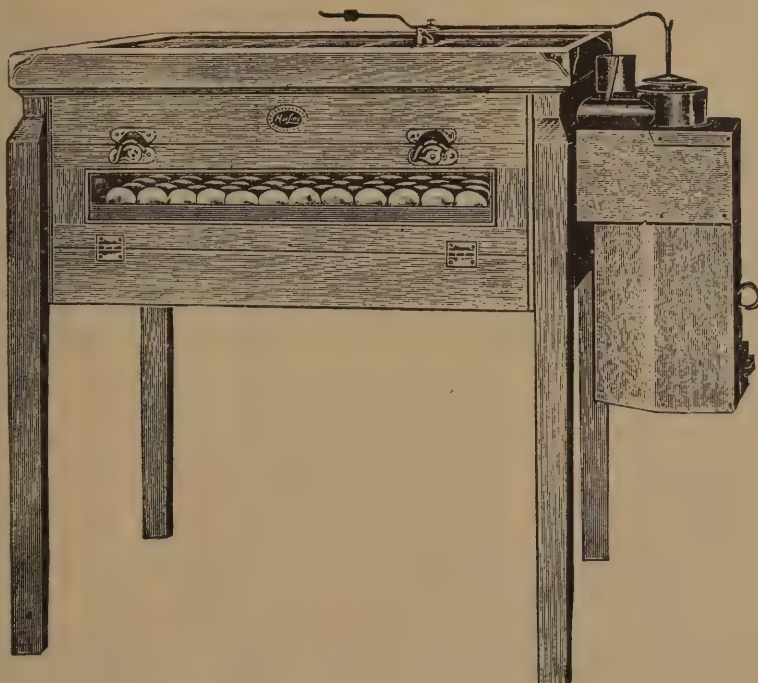
Common Sense Machines That Produce Chicks



Construction.

California Redwood is generally conceded to be the very best material for incubators, as it is an excellent non-conductor of heat and cold, does not shrink, swell or warp under extreme changes of temperature and does not absorb moisture or odours. It is therefore used in the construction of Moe's Incubators.

The Cabinet has thick double walls, with strong joints which will not come apart when subjected to heat and moisture. The top is solidly built and thoroughly insulated to retain the heat. The doors have double glass and are fitted with substantial hinges and fasteners. The legs are strong and are detachable so that the machine can be carried through a narrow door or stored in a small space when not in use.



Prices:

No. E165.	Tray 15 $\frac{1}{2}$ in. x 17 $\frac{1}{2}$ in.	70 to 85 eggs	...	£5 15 0
No. E167.	Tray 21 $\frac{1}{2}$ in. x 23 $\frac{1}{2}$ in.	130 to 150 eggs	...	£7 10 0

Insulation.

The Walls of Moe's Incubators are of double construction, with a dead air space and insulating material between the outer and inner walls.

All joints are made tight and solid, to withstand the action of moisture and temperature changes.

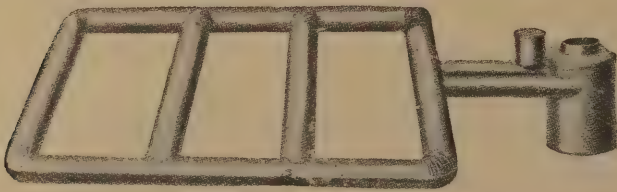
Perfectly insulated walls are absolutely essential and are fully provided in Moe's Incubators.

Moisture.

Under ordinary conditions there is sufficient moisture in the atmosphere and in the eggs to answer all practical requirements, but in very dry climates and high altitudes it is sometimes necessary to supply additional moisture. This is fully covered in the Direction Sheet which accompanies each incubator.

Moe's System provides an even, gentle distribution of heat and constant, uniform ventilation without excessive evaporation of the moisture in the air.

Moe's Heating System.



Pure Copper Coils and Tank.

The Heater Lamp has a heavy metal bowl of large capacity, and lamp rests in a strong galvanized housing or container which encloses it on three sides. This acts as a perfect shield and insulator, prevents any oil from coming in contact with the wood cabinet, and is an efficient protection against danger of fire. It also confines the heat where it belongs, that is under the copper tank, and makes for economy in fuel.

The Lamp Bowl rests on a removable base, which raises the lamp to its proper height.



Heater.

Hot Water Heat is without doubt the best and most satisfactory method of heating an incubator.

Moe's Incubators have solid copper tank and heating coils, with double locked and soldered seams. The water is heated in the copper tank above the lamp and then circulates through the coils, producing a soft uniform heat of the correct temperature in every part of the incubator.

The Filler Cup is securely soldered to the tank and an automatic air vent or overflow tube provides for expansion and contraction or any air pocket that might form in heating coils.

Ventilation.

The correct amount of oxygen should be supplied to the eggs at all stages of incubation and Moe's System of heating and ventilation provides for this in a thoroughly practical manner. There is perfect ventilation without excessive evaporation of the moisture in the air, which would result in weak chicks and small hatches.

Moe's Incubators are fitted with adjustable ventilators at top and bottom. The fresh air enters the bottom of the cabinet, where it is evenly diffused to avoid draughts or a strong current which might chill the eggs. This fresh air gently circulates through the nursery and egg chamber, carrying off any poisonous fumes, gases or odour and escapes through the top ventilator openings.

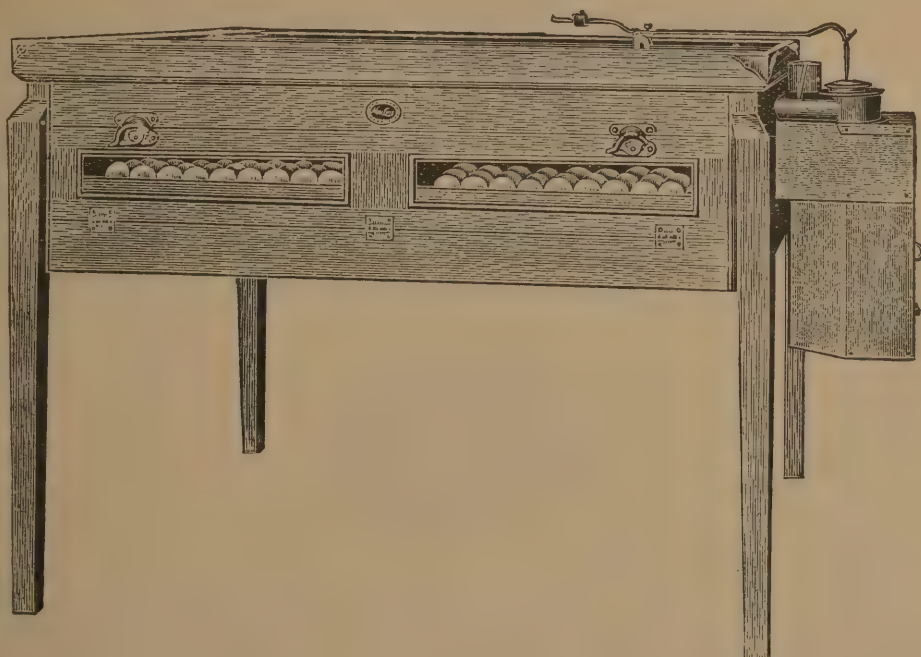
The ventilator openings are adjustable, so the amount of fresh air passing through the incubator can be easily regulated to suit varying conditions.

This method has proved far superior to side ventilators or so-called automatic ventilators, which are apt to cool the sides and corners of the egg chamber and reduce the percentage of the hatch.

APPRECIATIONS.

Villiersdorp, 12.5.28.—I have now got out the first hatch of chicks from your 400-egg Moe's Incubator and am very pleased indeed with results. It is a very easy machine to work and keeps a very even temperature and the chicks are a healthy jolly lot—more I don't want.

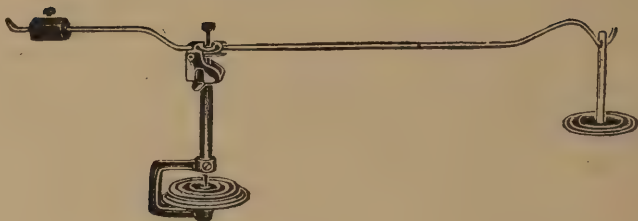
Villiersdorp 15.8.28.—Enclosed please find cheque for £14 10s. for the 400-egg Moe's Incubator bought from you. I am very pleased indeed and have now had 4 broods out of same and excellent results. I have recommended same to a lot of people.



No. E168	2 Trays	16 $\frac{1}{4}$ in. x 26 $\frac{1}{4}$ in.	220 to 250 eggs ...	£10 0 0
No. E170	3 Trays	16 $\frac{1}{4}$ in. x 27 $\frac{1}{2}$ in.	350 to 400 eggs ...	£14 10 0

Delivered free on rail Rosebank Station or to any address within our local delivery radius.

Automatic Regulator

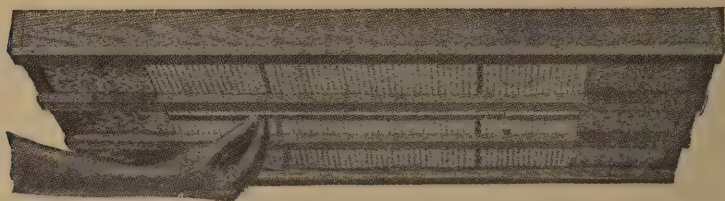


The Temperature is controlled by an automatic thermostat connected to the heater. This thermostat is sensitive to the fraction of a degree, and automatically increases or decreases the supply of heat to the incubator.

The Regulator is one of the vital parts of an incubator and must be accurate and reliable. Moe's Regulator is simple, has but few parts, and only two contact points, thus avoiding needless friction.

Has but one adjusting screw which completely governs and controls the action of the regulator. It is sure and positive in action and free from trouble.

Patented Egg Turning Trays.



The Egg Trays are extra heavy and substantial, of a convenient size, easy to handle. They are held rigidly in place by supports, yet can be quickly removed when required.

Bottom of tray is of heavy galvanized square mesh wire cloth which slides back and forth and turns over each egg with one operation.

All of the eggs are turned with one push or pull of the handle.

Easier, quicker and better than turning by hand.

Heavy wire bottoms will not sag and are easy to keep clean.

At hatching time gates in the trays permit the chicks to drop to the nursery trays if desired, so it is not necessary to transfer the eggs to separate trays.

Chick Nursery.

The Nursery Trays have a strong wood frame, covered with burlap, which gives the chicks a sure footing, and prevents them from injuring their legs.

An incubator is not complete without a roomy nursery kept at the correct temperature. This is much better than having the chicks floundering in a mass of broken egg shells. Chicks should be kept in the nursery until perfectly dry before being transferred to the brooder or hover.

Double Deck Machines.

If you are wanting a larger machine this new pattern should suit you fine. It has all the advantages of the smaller unit combined with a big saving in floor space.



No. E174 Moe's Incubator.

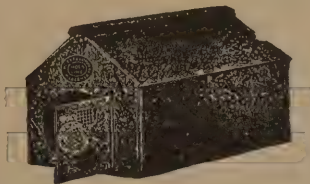
Capacity	700 to 800 Eggs
Floor space required	32 x 69 in.
Six Egg Trays, inside dimensions, each	16¼ in. x 27½ in.
Shipping weight (approximate)	340 lbs.
Price: £28 10 0.	

Delivered free on rail Rosebank Station or to any address within our delivery radius.

For Cash With Order we will pay the railage to any Station within the Union of South Africa or you can pay the railage and take 5 per cent. discount.

THE "SAFETY" BROOD COOP.

Sent
out
flat



Quickly
set
up.

Made of best quality galvanized iron. The bottom is removable for cleaning purposes.

Provides a safe shelter for the hen and her chicks.

The combination door can be adjusted to keep the hen and chicks in or to let the chicks free without the hen or to give both their freedom. Ample ventilation is provided.

No. E49. Size: 16 in. wide, 23 in. long, 16 in. high.
Price: 15/- each.

Hearson's

Incubator

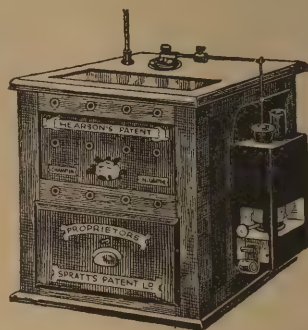
The best in the world

For over forty years Hearson's Incubators have been giving reliable service—setting a standard for the world in Incubator requirements.

The machine is entirely automatic in regulation, giving a constant uniform hatching temperature in the egg chamber regardless of extreme changes in external atmosphere. Correct humidity and ventilation are maintained without undue variation.

Hearson's Incubator hatches every hatchable egg under ideal conditions, thus ensuring strong, healthy and vigorous chickens which are easy to rear.

Hearson's Incubators require the least expenditure in operating cost and time and can be used at any altitude and in any climate, special capsules being provided for altitudes above 1000 feet above sea level. When ordering, the altitude should be stated.



Model No. 6—60 egg size.

(With Drying Box).

Price: £10 f.o.r. Rosebank or delivered within our local delivery radius. Less 5 per cent. for **Cash with Order.**

Model No. 11—120 egg size.

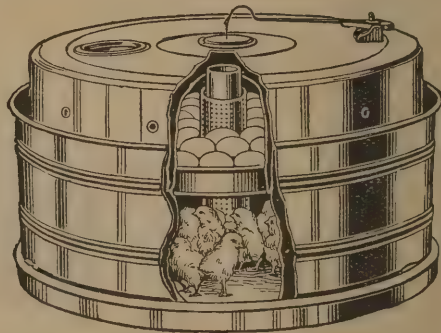
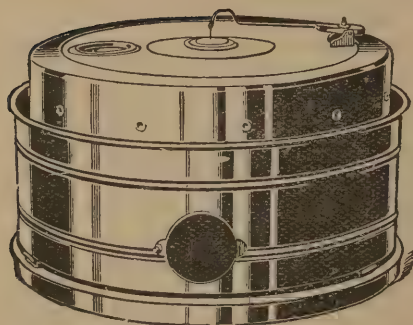
(With Drying Box).

Price: £16 f.o.r. Rosebank or delivered within our local delivery radius. Less 5 per cent. for **Cash with Order.**

State your altitude when ordering.

B.

THE CYCLE BROODER-HATCHER.

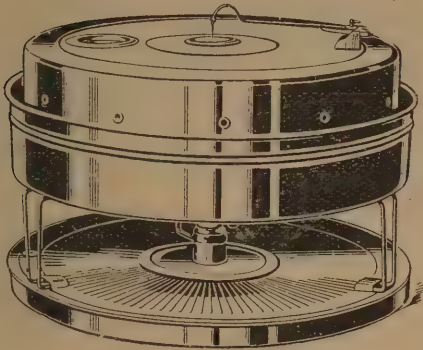


Price: Complete with long-burning safety lamp, automatic regulator, tested incubator thermometer and direction booklet, £3 3s. Less 5 per cent. for **Cash with Order.** Spare Wafers 4/6 each. E.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER

THE "MODEL" IMPROVED CYCLE HATCHER.

A Twentieth Century Wonder.



**50-Egg Incubator Complete,
ready for operation.**

Only need to fill oil well once
during hatch.

Holds 50 Eggs. Constructed
entirely of metal except insu-
lation; self regulating; requires
no supplied moisture; will last
a life time.

Complete directions with each
machine.

The supply of heat in the "Model" Improved Cycle Hatcher comes from the centre and is radiated in all directions, carrying with it an abundant supply of fresh heated air, which is required to travel only six inches to reach every egg in the nest. The heat is governed by a three-inch wafer regulator which is placed so close to the eggs that it is sensitive to the natural heat of the growing embryo in the egg as well as the heat from the lamp.

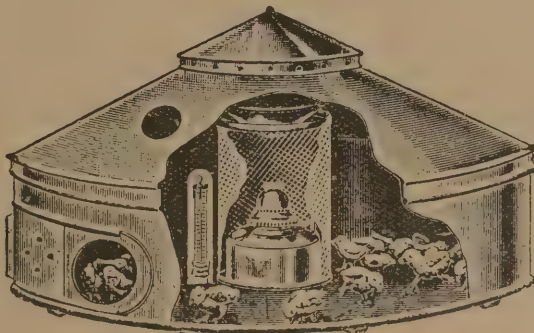
One grand feature of the "Model" Improved Cycle Hatcher is, there is no lifting of the top of machine to see the thermometer. By a simple device used the operator can see through a glass window without touching it, also any stage of the hatching can be watched from the pipping to the tumbling out of the shell, a very interesting study.

Price: Complete with long-burning safety lamp, automatic regulator, tested incubator thermometer and direction booklet, **£2 7s. 6d.** Less 5 per cent. for Cash with Order. Spare Wafers 4/6 each. Spare Lamp 4/6.

E.

THE "QUEEN MOTHER" BROODER.

Mica
Window
in Top.



Price:

50 Chick Size:

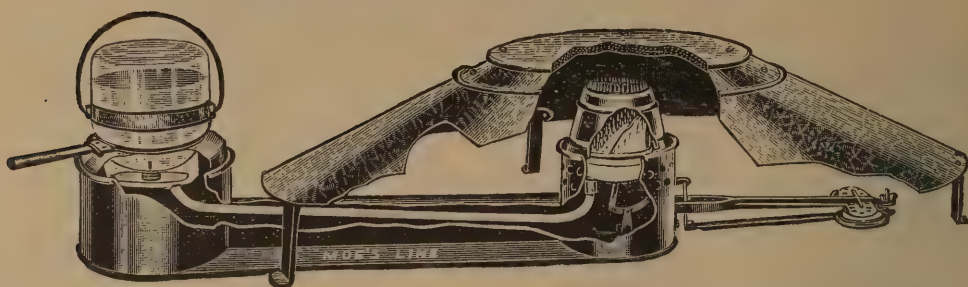
37/6

100 Chick Size:

50/-

This Brooder is a well-tested appliance, being fire-proof, vermin proof, storm-proof. Fitted with Silver's Best Fumeless Burner (chimney less), chick guard, sliding chick entrance, thermometer, etc. No bottom heat, and well ventilated. All complete. Top removes for cleaning. Spare Thermometers 3/-, Wicks 4d and 5d each, Burners 5/- each.

D

MOE'S OIL BURNING BROODER.

Moe's Automatic Brooder uses Paraffin as fuel, and gives a steady, even warmth without fumes or gases. Has a wickless blue flame burner, with perfect combustion.

Oil Reservoir is of glass, capacity one gallon.

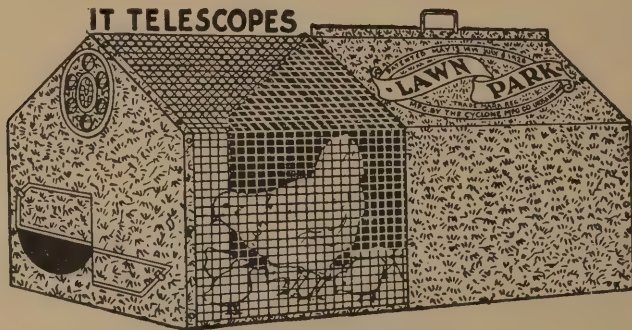
The Thermostat automatically regulates the flow of oil by raising or lowering the burner to a point above or below the oil level in the reservoir.

The Canopy is made of heavy galvanized iron, in sections knocked down, and is easily put together. A thoroughly reliable brooder, is easily adjusted to any desired temperature, and automatically maintains this temperature at all times.

No.	Size	Capacity	Weight	Price
E225	32in. Canopy	300 Chicks	36 lbs	£4 5 0
E226	42in. Canopy	500 Chicks	42 lbs	£5 0 0
E227	52in. Canopy	1000 Chicks	49 lbs	£5 15 0

The overcrowding of chickens in a brooder is always detrimental and while these brooders can take the numbers stated against each size, we recommend that only half that number be placed in them. You will certainly get better results by doing so.

THE "LAWN PARK" COOP
Saves the Chicks.

IT TELESCOPES**Gives****Perfect****Ventilation****and****Sanitation.****The Park****Pushes In****Like a****Bureau****Drawer****(Park Extended)**

The wire pulls out like a bureau drawer and is made from heavy galvanized hardware cloth. The main coop made from strong 28 gauge galvanized iron. Size of coop: when park is fully extended as shown in cut above, it is 18 inches wide, 19½ inches high and 48 inches long. When park is closed down it is 24 inches long.

A small door is provided to let small chicks only have full range as desired.

**Protects the Chicks from Hawks, Rats, Weasels. Vermin.
Cold, Storms, etc.**

Price 25/- each.

THE "SUPER" DRY MASH HOPPER.

A Dry Mash Hopper of great merit, made of heavy galvanized iron. All parts accurately stamped with dies. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at the bottom—prevents the feed from clogging.

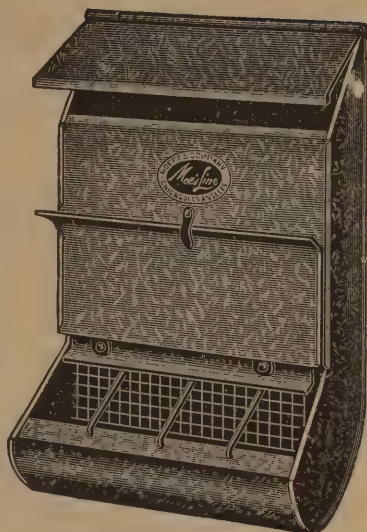
The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed.

The sloping top prevents them from roosting on the hopper.

When both covers are closed it is rat, mouse and weather proof.

No. F35. 19 in. high, 8½ in. wide, 2½ gallons. 11/6 each.

No. F36. 19 in. high, 12 in. wide, 3½ gallons. 13/6 each.

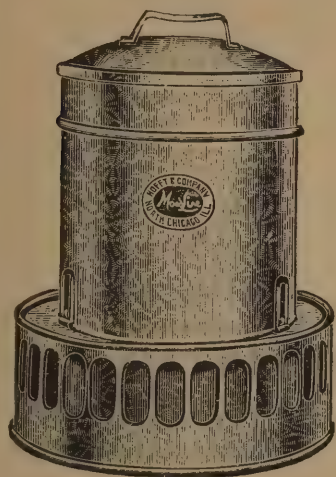


MOE'S PEERLESS FEEDERS.

Moe's Peerless Feeders for chicks and growing fowls. Made of heavy galvanized steel, with a large capacity and perfectly suited for either large or small flocks. The magazine or hopper is adjustable up or down for different kinds of mash and feed and can be set to feed slowly or rapidly.

Has a removable cover, so it is easy to fill, and the bottom is cone-shaped so the contents will not clog.

The slotted openings are accurately formed with turned-over edges to prevent any injury to the fowl. The vertical feeder holes also make it impossible for the chicks to foul or waste the feed. Thirty chicks can feed at one time.



No. F192. Peerless Feeder. Diameter of base 12 in. 30 feeder holes. Diameter of magazine 9½ in. Total height 12 in. Capacity 10 qts. Packed 1 in a carton. Shipping weight 6 lbs. Price 10/6 each.

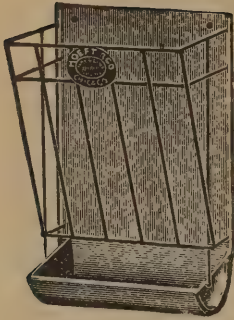
GRIT AND SHELL BOX.

This splendid grit hopper has two compartments and is made of strong galvanized iron.

No. F45. Height 8 in., width 5 in.

Price: 3/6 each.





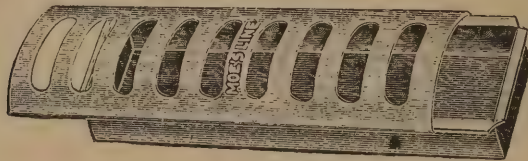
POULTRY VEGETABLE RACK.

Made of best quality galvanized iron, with galvanized wire rack. A practical device for holding roots, cabbages, sprouted oats, lucerne, etc. It prevents scattering and wasting the food.

The feed saved soon pays for the rack.

No. F44. Price: 6/6 each.

MOE'S SANITARY FEEDING TROUGHS FOR FULL GROWN MATURE FOWL.



For Full Grown Chickens. These feeders are much larger than ordinary chick feeders, as they are designed for growing pullets and full grown fowl.

The feeder openings are wide and large, just the right size and shape, and in just the correct position to accommodate full grown birds, and to prevent waste.

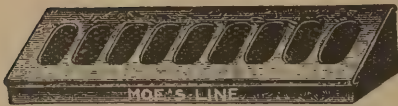
Intended primarily for feeding wet or dry mash, but can also be used for water.

Made of best quality galvanized steel, accurately stamped with dies, and the edges of the slotted openings are turned over and smoothly finished. No sharp or rough edges to injure the head or comb. A good, practical, and economical way to feed mash.

Prices: F21.—12in. long, 5in. wide, 2/6 each.

F22.—18in. long, 5½in. wide, 3/- each.

SINGLE FEEDING TROUGH.



For chicks and growing stock. Accurately stamped with dies. No rough edges, and can be hung on the wall. Sliding top.

No. F55. Length 12 in. Price: 2/- each.

No. F56. Length 18 in. Price: 2/9 each.

THE "ECLIPSE" FEEDING TROUGH.

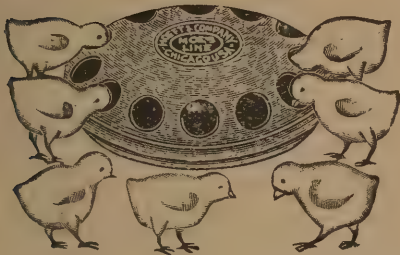
For chicks and growing stock. Accurate stampings. No seams, rivets or solder. Sliding top, easy to fill and keep clean.

No. F27. Length 10in. Price 1/3 ea.

No. F28. Length 20in. Price 2/- ea.



THE "BABY" CHICK FEEDER.



A great feed saver, and can also be used for water or milk. Accurately stamped with dies. Top fits snugly, yet is easily taken off for filling and cleaning.

No. F11. Diam. 6in. with 8 holes.

Price 1/- ea. Postage 4d extra.
Per doz. 9/- Postage 2/6 extra.

No. F12. Diam. 8½in. with 12 holes.

Price 1/6 ea. Postage 6d extra. Per doz. 15/- Postage 4/6 extra.

BOTTOM FILL FOUNTAINS.



The round taper shape prevents damage from freezing. Made in two pieces accurately formed. Easily filled and cleaned.

No.	Capacity	Each
F19 ...	1 Quart ...	2/-
F20 ...	2 Quarts ...	2/6
F24 ...	1 Gallon ...	3/6

THE "PERFECTION" WALL FOUNTAIN.



Practical and convenient fountains. Heavy galvanized iron.

No. F26. Capacity 1 gallon, with removable bottom so can be easily cleaned.

Price: 5/9 each.

THE "SOLO" FOUNTAIN.

USE YOUR OWN BOTTLE.

Zinc Hinged Base and Wire Back. Will hold any pint wine or spirit bottle.

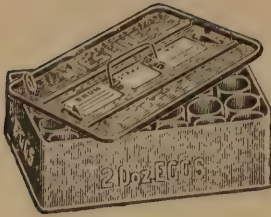
(Please note we do not supply the bottle).

"Solo Fountain," to hold one bottle, 2/- each.

"Twin Fountain," to hold two bottles, 2/9 each.



E.

MOE'S METAL EGG BOXES.

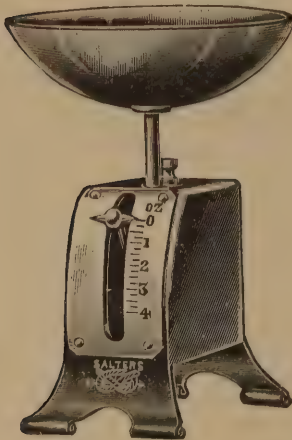
Moe's Egg Carriers made of smooth galvanized sheet steel, with rounded corners, and properly constructed to absorb and resist shocks from all sides.

A light, strong and durable egg box designed principally for safe Parcel Post shipments. Fitted with heavy cardboard fillers, or individual egg containers so each egg is fully protected. If the eggs run small we recommend wrapping them in paper to insure additional safety.

Reversible address cards are held firmly in the cover, for going and return address, and space for stamps. Simple and secure fasteners which may be sealed if desired with soft wire.

No. F245, carries 2 dozen eggs. Price 10/6. Postage 1/6.

No. F246, carries 4 dozen eggs. Price 12/6. Postage 2/-.

SALTER'S EGG SCALE.

No. F18 E.

To weigh 4oz. x 1/4oz.

8/6 each; Postage 4d. extra.

EGG AND CHICK BOXES.**No. E53.**

15 Hen Egg size.

Price:

1/3 each

Postage 4d.

Per doz. 12/- free on rail.

**No. E54.**

12-Chick size.

Price:

1/- each

Postage 4d.

Per doz. 10/6 free on rail.

Made in double-faced corrugated cardboard, labelled ready for destination. Cheap, yet serviceable.

**SPIRAL PATTERN CELLULOID POULTRY RINGS.**

Eight Colours.

Post Free.

Sizes: 2 and 3

5 and 6

7 and 8

Prices: 2/-

2/6

3/- per 100

For Chickens

Hens

Cocks

(G.)

FLAT BAND CELLULOID POULTRY RINGS.

Numbered. Price: 1/- per doz.; 5/6 per 100. Post free. Size 6 and 7 only. Five colours.

(G.)



THE "IDEAL" DAY OLD CHICK BOX.

For sending live chicks by post or rail. Absolutely safe and very light though strong. The finest box we have seen for this purpose.

To carry 12 chicks.

Price:

1/6 each, 15/- dozen.

Postage extra:

6d on one; 4/6 on a dozen.

F.

"ATLAS" SEAL LEG BANDS.



Style No. F305-A.

The original aluminium tube rivet leg band. The rivet and band are made of one solid piece of aluminium. Very easy to apply. It is impossible to remove this band unless it is totally destroyed. Requires a special pleyer for sealing. Furnished with three holes making band adjustable, to fit all breeds.

Price:

Doz. 1/-, 100 6/6, 1000 55/-.

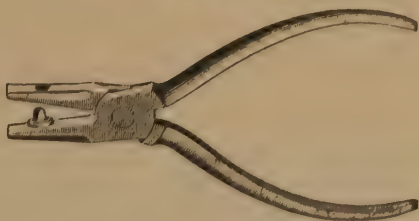
Post Free for Cash with Order.

CAPONISING INSTRUMENTS.

The set consists of three instruments—a Knife or Cutter of a novel construction, a "Spreader," and an "Extractor," and they are sent out in strong cases, fitted velvet, lined satin.

Price: 21/-, Postage 6d. F.

SEALER FOR "ATLAS" BANDS.



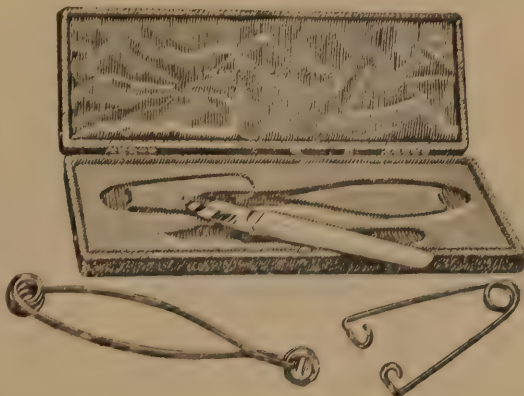
Style No. F305S.

Made specially for sealing Tube rivet bands. The only pleyer which can be used for fastening these bands perfectly.

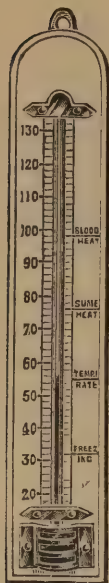
6 in. size.

Price 10/6 each.

Postage 4d.



FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.



**WALL
THER-
MOMETER.**

No. F100.

Price: 3/6.

Postage 6d.

SEAL WING BANDS



No. F580.

This band is made from the best aluminium and has a soft lead rivet for sealing the band in the wing. It is impossible for this band to get lost unless taken off by hand. Any small pleyer can be used to seal the bands.

Price: Per 100 5/-; 1000 45/-. Post free if Cash is sent with the Order.

INCUBATOR DRAWER THERMOMETERS.

FD130. Straight Tube, 8 inch, 4/-. Postage 6d.

INCUBATOR TANK THERMOMETERS.

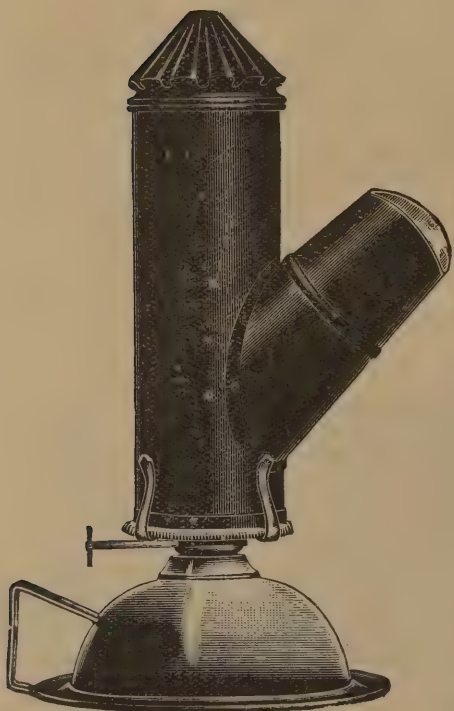
FT130. Straight Tube, 13 inch, 5/-. Postage 1/-.

FT130. Straight Tube, 16½ in., 7/6. Postage 1/-.

INCUBATOR CAPSULES—Square 5/- each. Postage 3d.

(State altitude when ordering).

F.

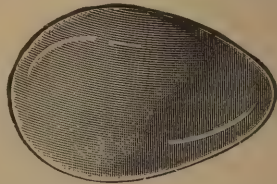


EGG TESTING LAMP.

With brass oil container and powerful lens, complete as illustrated. No. F45a.

Price: 9/6 each.

CHINA NEST EGGS.



White porcelain, natural in appearance and uniform in size. Will not easily break.

They induce the hen to lay where she should—in the nest provided for her. No. F67.

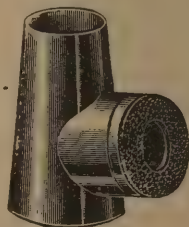
Price: 3d each, 2/6 per doz.

Postage 2d each, 6d per doz.

MOE'S EGG TESTER.

To test the fertility of eggs during the period of incubation. Used with an ordinary lamp in a dark room.

It will illuminate the interior of the egg and show if the chick is alive, and also shows the size of air cell in the egg. Made in one size only.



No. F48. Moe's Egg Tester, 2/3 each.

Postage 4d.

INCUBATOR WICKS.

Specially treated by Stemp's Process.

Price: $\frac{2}{3}$ in. 4d each; $\frac{5}{8}$ in. 5d each; $\frac{7}{8}$ in. 6d each—Post free.

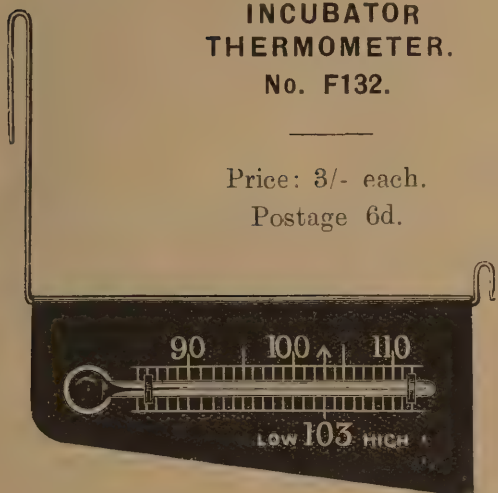
E

INCUBATOR
THERMOMETER.

No. F132.

Price: 3/- each.

Postage 6d.

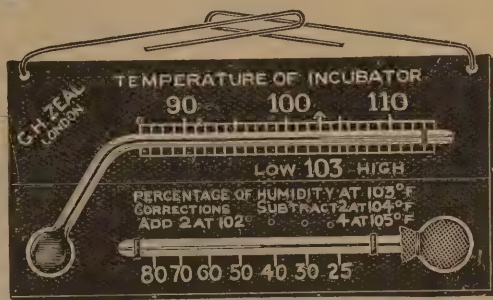


Points to be observed when using the Humidity Gauge.

I.—The Tank must be kept filled with clean water (preferably rain-water), and the cotton wick, which conveys the water to the bulb, must be kept clean, otherwise the moisture will not syphon to the bulb. Should the wick be-

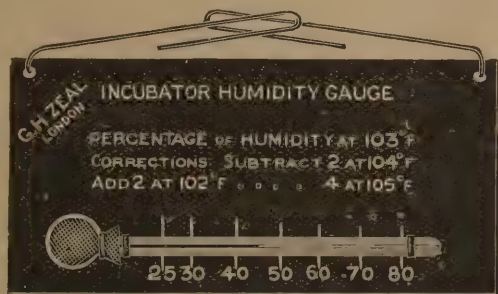
HUMIDITY GAUGES.

Few Poultry Breeders appreciate the important part played by the moisture conditions in an Incubator. Large numbers of chicks die in shell every year, due almost entirely to the lack of a correct percentage of moisture during the Incubation period.



No. F1. Price: 10/6, postage 6d.

come clogged, it should be replaced by a new one, supplied with each instrument.



No. F2. Price: 7/6, postage 6d.

II.—The instrument should be placed in the egg trays, so that it takes the place of one of the eggs and records the actual conditions which surround the eggs.

JUDGING STICKS.

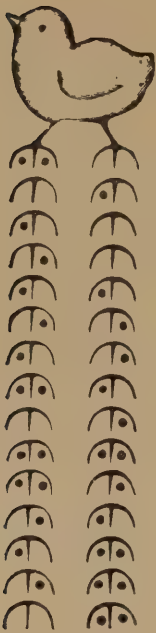
Telescopic Principle—No. E4—For

Poultry (Four Joints)

Price: 7/6 posted.



FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.



Showing
Different
Toe Marks

No. F39.

Moe's Ideal Punch. A new improved punch, scissors type. Works easily, cuts clean and does not pinch the foot.

Convenient to carry in vest pocket, and the lower end is an excellent cigar cutter.

The illustration shows the sixteen different marks that are possible in toe punching.

Nickel Plated Finish. Length $3\frac{1}{2}$ in.

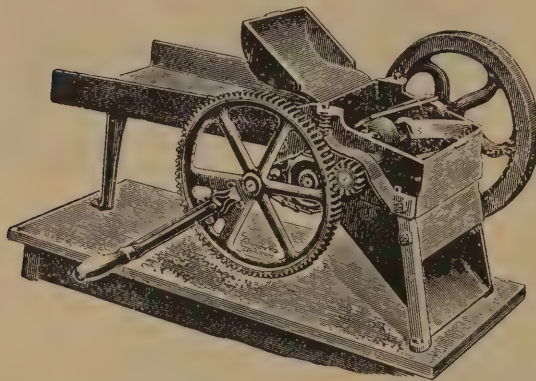
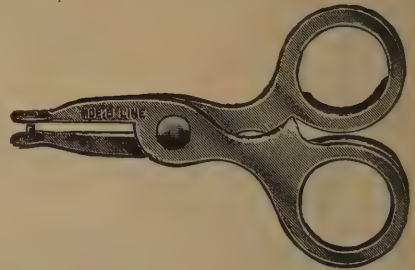
No. F39. Ideal Punch. Price 3/- each, postage 2d.



POCKET POULTRY PUNCH.
For Toe Marking Young Chicks.

Price: 1/3 each, post free.

F.



"NEW MODEL" GREEN-FOOD CUTTER.

Removable Steel Knives—
Adjustable Cutter Bar—Runs
Easy—Cuts Fine—
Is Durable.

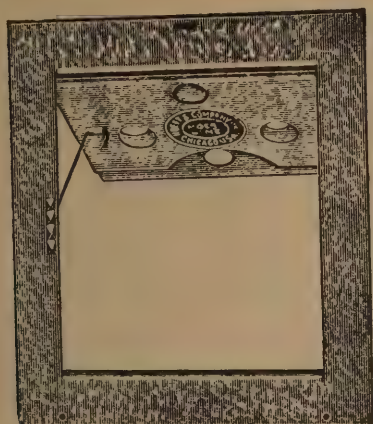
Price: £5 5s.

The "New Model" Clover Cutter cuts either green or dry, such growths as Clover, Lucerne, Vegetable Tops, etc., into $\frac{1}{8}$ inch lengths. These growths are the cheapest and most productive egg-forming poultry foods for cold weather. They return big profits when reduced to a fine, easily digested mass.

The "New Model" is made only of iron and steel, from entirely new patterns. It is a strong feeder, has large capacity, runs unusually easy and will do perfect work indefinitely. The machine is intended to be mounted on a box or bench at any height to suit the operator.

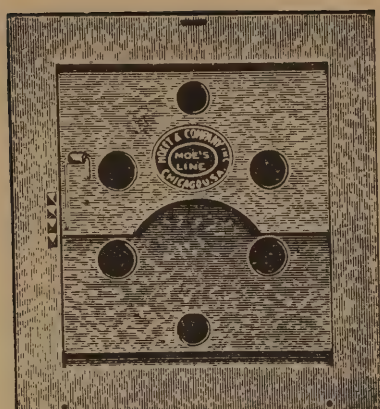
Length over all $28\frac{1}{2}$ inches. Weight knocked down 70 lbs

D.



Open.

No. F63.



Closed.

Effectively traps the hen, yet allows ample ventilation.

Door is hinged, making it easy to remove the hen or clean the nest. Dimensions: 11in. wide by 12in. high. Size of opening 8in. by 9in. Can easily be fitted to an ordinary box or nest. **Price:** 4/- each.

THE POULTRYMAN'S HANDY SCRAPER.

A very useful implement for quickly cleaning off the dropping boards in poultry houses. It is double sided, the rake being used daily for removing droppings while the back is used as a scraper when the boards are to be re-sanded.



No. F51.

Price: 3/6 each.

SPARE PARTS FOR MOE'S INCUBATORS.

				Price each
Lamps, complete, all sizes	...	...	...	17/6
Lamp Bowls	...	...	...	8/9
Lamp Burners	...	...	single 5/6, double	6/6
Lamp Chimneys	...	...	...	4/6
Lamp Wicks (Red Felt)	...	...	Per doz. 5/-	6d.
Thermometers	...	...	...	6/9
Thermometer Holders	...	...	...	2/-
Regulator Rods	...	...	...	5/3
Regulator Needles	...	...	...	1/3
Regulator Clevis	...	...	...	3/6
Regulator Adjusting Screws	...	...	...	1/3
Regulator Dampers	...	...	...	1/3
Fulcrum Pins with Nuts	...	...	...	2/-
Regulator Capsules or Wafers	...	...	...	4/6
Drain Caps for Tank	...	...	...	1/3
Moisture Guides	...	...	...	8/6
Incubator Legs	...	...	...	5/6
Regulator Fulcrum Pipe	...	...	...	3/6

Starke's Poultry Meal.



A scientifically compounded mixture which supplies all the essentials for the development of the utmost vigour and a consequent high egg-yield.

There is no other **Poultry Meal** like this one. The one you can mix yourself may be very good, but it cannot possibly contain all the ingredients we supply in ours. We have at our command a vast range of grain and meal products, and we stint nothing on this mixture. We realise that Poultry Breeders want a meal to produce eggs, and we endeavour to supply the best meal that can be compounded for that purpose. It is so balanced as to give the exact nutritive ratio to produce a concentrated product such as the hen's egg, and only the best and purest ingredients are used in its composition.

Our **Poultry Food Expert** personally arranges the prescription for every mixing, and the preparation of the meal is carried out under his direction. You get his

years of experience in every bag of meal you buy, and this experience is not on sale elsewhere.

Hens fed on this meal retain their vigour and **productive effectiveness** at least one year longer than those fed on less carefully prepared foods.

The meal is usually fed as a warm **morning mash**, which should be mixed with hot water to a crumbly consistency. It must not be over-moistened so as to bring it to a sloppy or pasty form. It may also be fed from a hopper as a dry mash, and this method has gained very much in popularity of late. It certainly saves much labour, and is well worth a trial.

Analysis.—Protein 15.6; fat 5.5; crude fibre 5.2; ash 8.3; moisture 8.4. Nutritive ratio 1 to 4.5.

Packed in bags of	10 lbs	25 lbs	50 lbs	100 lbs	200 lbs	Per ton
Retail Prices:	1/6	3/3	6/-	11/6	21/-	£10 0 0

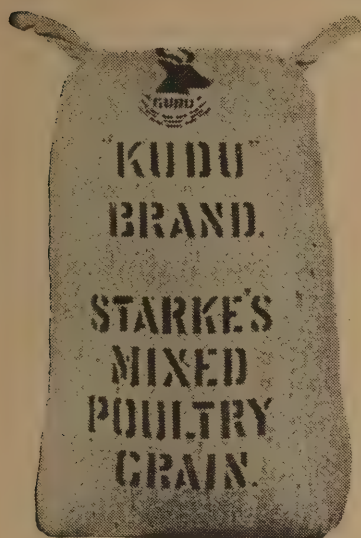
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Grains, Meals & Sundries for Poultry, Pigeons and Cage Birds.

We stock a full range of all these and shall be happy to send you our lists on request. We pay special attention to quality from the Poultryman's point of view and, with our knowledge of Poultry and their requirements, we are able to compete successfully in all these lines and we are specially able to give you just that quality of each which leads to success. Try our foods, they will please you.

Kindly ask for our Current Price Lists.

Starke's Mixed Poultry Grain.



The **Universal Mixture** so well known in Town, Suburbs and the Country Districts which, by its sound and well balanced properties, has saved the lives of thousands of good birds, which on an inferior ration, would certainly have succumbed to the prevalent ills of Poultrydom.

This mixture is usually used as the **evening feed** and is best fed in a deep litter of chaff or other suitable material to induce the birds to scratch. When fed in this way the evening meal should not be given too near sunset or the birds will not have time to fill their crops before the light fails. A little grain left in the litter overnight is no detriment, however, as it is an inducement to early rising.

Nothing but the best finds its way into the mixture. Every mixing is worked from a definite prescription prepared on each occasion by our **Poultry Food Expert**. The prescription is varied according to the season and also according to the market value of the various ingredients. In this way we not only keep the quality right but the price also. It would be foolish to feed poultry heavily on wheat, for instance, when it is at a very high price—more than the Poultry can afford to pay.

After mixing, the grain goes through our cleaning machinery, specially erected for this purpose, and is scoured and freed from dust. You don't want to pay for dirt and we don't want the reputation of selling it.

Analysis.—Protein 12.9; fat 3.7; crude fibre 4.1; ash 8.8; moisture 12.9. Nutritive ratio 1 to 5.1.

Packed in bags of	25 lbs	50 lbs	100 lbs	200 lbs	Per ton
Retail Prices:	3/-	5/6	10/-	18/6	£9 0 0

Starke's Lucerne Meal.



There is nothing to equal this product as a green food substitute. Mixed with the mash and fed either "soft" or "dry" it makes a palatable and nutritious food, or it may be fed separately in a hopper as a dry meal.

"Kudu" **Brand Lucerne Meal** is very finely ground and thus it is presented to the birds in the most digestible form.

A comparison of the analysis with that of Bran and other similar products will show that it is greatly superior to these in feeding value and its use for poultry and other farm stock at present prices will materially reduce the cost of feeding.

Analysis.—Protein 15.9; fat 1.5; moisture 9.0 per cent. Fineness, through 16 mesh 99.4 per cent.

Packed in bags of	25 lbs	50 lbs	100 lbs	Per ton
Retail Prices:	2/9	4/9	8/6	£7 10 0 locally
Free on rail Moorreesburg:	—	—	7/6	£7 0 0

Starke's "Chix" for Chickens.



The Universal Grain Food on which young chickens can be reared from shell to maturity. It is made in three grades, of which No. 1 is used for newly hatched chicks and until they are at least a month old; No. 2 is used for the second month and may, with advantage, be continued until the birds are three months old; No. 3 is used after No. 2 and until the birds are large enough to take our Mixed Poultry Grain.

"Chix" is a properly balanced mixture of grains and seeds reduced to a suitable size for the birds at the various stages of their growth. The constituents are varied according to the age of the birds for which each particular grade is intended, thus there is more protein in the No. 1 grade because the little ones need it most, and **bone-forming material**

is specially considered in No. 2 (though not neglected in the other grades) because the chickens need it most at this stage of their development.

"Chix" is designed to produce the utmost development of Bone and Muscle and to keep the little birds in perfect health while they grow.

Analysis.—Protein 16.4; fat 7.2; crude fibre 2.9; ash 0.8; moisture 10.6. Nutritive ratio 1 to 4.8.

Packed in bags of	5 lbs	10 lbs	25 lbs	50 lbs	100 lbs	Per ton
Starke's "Chix" No. 1	1/3	2/-	4/6	8/3	15/-	£14
Starke's "Chix" No. 2	1/1	1/10	4/3	7/9	14/-	£13
Starke's "Chix" No. 3	1/-	1/9	4/-	7/6	13/6	£12 10s.

Prices fluctuate—please ask for latest price list.

Starke's Chicken Meal.



Young, growing chickens need a more concentrated diet than older birds. They need a ration containing more protein, more muscle and bone-forming properties.

In this mixture we give special attention to this point and we see that there is sufficient protein to meet the demands of the growing bird.

We are careful about the phosphatic elements too, in this mixture, because that is necessary if we are to encourage the formation of sound bone on which a sound frame depends.

This meal is suitable either for soft-feeding or for the hopper method. Try it on your next batch and watch the healthy development.

Analysis.—Protein 17.5; fat 6.3; crude fibre 4.1; ash 5.7; moisture 8.2. Nutritive ratio 1 to 4.2.

Packed in bags of	5 lbs	10 lbs	25 lbs	50 lbs	100 lbs	Per ton
Retail Prices:	1/1	1/10	4/3	7/9	14/-	£13

Prices fluctuate—please ask for latest price list.

Starke's Hen-Tonic.

It Fills the Egg Basket.



Starke's Hen-Tonic supplies the albuminous and phosphatic elements needed to stimulate egg production without in any way injuring the constitution of the bird.

Starke's Hen-Tonic is a highly-concentrated food and not a condiment. If over-fed, the birds will lose their appetite for it and refuse to take more, but it will not produce the ill effects so quickly apparent from over stimulation by the use of condimental mixtures which are highly detrimental.

Starke's Hen-Tonic may be used with Starke's Poultry Meal or with your own mixture and in proportion up to 25 per cent. of the mash. We recommend 10 per cent., which proportion may be kept up for a longer period, rather than a heavier percentage fed intermittently.

Analysis.—Protein 27.8; fat 5.4; crude fibre 6.2; ash 12.8; moisture 7.6. Nutritive ratio 1 to 1.9.

Packed in bags of	5 lbs	10 lbs	25 lbs	50 lbs	100 lbs	200 lbs
Retail Prices:	1/6	2/9	6/-	11/-	20/-	37/6

Prices fluctuate—please ask for latest price list.

Starke's Cape Shell Grit.



A hard and sharp shell grit combining the utmost proportion of lime with a sharp grinding surface. It far surpasses ordinary Oyster Shell, yet it is sold at a reasonable price because it is entirely South African and escapes shipping toll. There is no other shell grit in any way comparable with this. It is practically free from dust. You don't want to buy dust, your birds don't need it, so why waste your money. Insist on having **Starke's Cape Shell Grit**. If you get this you are getting the best that can be bought and if it cost twice as much, it would still be cheap by comparison with other grits. You can have it in 2 grades—Poultry size and Chicken size.

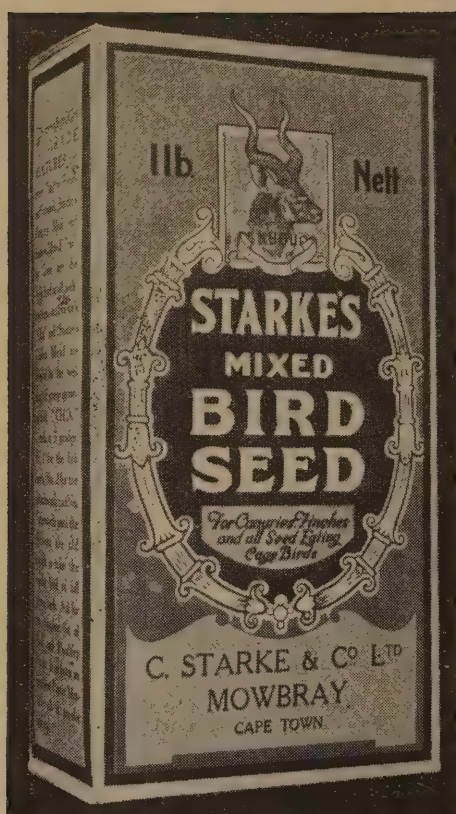
Retail Prices per	5 lbs	10 lbs	25 lbs	50 lbs	100 lbs
	9d	1/3	2/3	3/9	6/6

Starke's Mixed Poultry Grit.



A high grade Mixed Grit which contains, among other useful ingredients, Rock Grit, Shell Grit, Crushed Bone and Granulated Charcoal. Your birds need all these and we supply them in a mixture so that it may be easy for you to supply all that they require in one grit box or hopper. You can buy the same ingredients separately if you prefer to do so and thus save the cost of mixing by doing it yourself. Ask for prices.

Retail Prices per	5 lbs	10 lbs	25 lbs	50 lbs	100 lbs
	1/-	1/6	2/6	4/6	8/6



You buy a Carton like this for 7½d.

From your nearest Grocer in Cape Town or Suburbs. It is full weight 1 lb. Nett.

In Country Towns it may cost a trifle more to cover transport.

If you have any difficulty send your order direct to the manufacturers and mention the name of your regular dealer.



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You Naturally Think of

Starke's Parrot Food.

Because you know it is compounded in the right way with the right material. If it's Starke's, it's the Best.

Retail Prices per lb	5 lbs	25 lbs	50 lbs	100 lbs
6d	2/-	7/6	13/6	25/-

Prices fluctuate—please ask for latest price list.

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Nature provides the food in great variety for them to choose from and they make no mistake in their choice of it.

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But you may not know exactly how to balance up the nutritive ratio to keep the birds in health so that they can enjoy life as they would in their natural state.

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is a properly formulated mixture in which the welfare of the bird has been the first and last consideration.

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